



CHARACTERISTICS OF CURRENT DIGITAL COMPUTERS

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PREFACE

Represented in SPECS are more than one hundred digital computers, most of them general purpose. To clarify the conception, the definition of a **general purpose computer** in the language of the American Standards Association glossary is: a computer that is designed to solve a wide class of problems. And of a **digital computer**: a computer that operates on discrete data by performing arithmetic and logic processes on these data. And the IBM Glossary for Information Processing defines **computer** as: 1) a device capable of solving problems by accepting data, performing prescribed operations on the data, and supplying the results of these operations. 2) In information processing, usually, an automatic stored program computer.

These are by no means all the computers ever made, nor does it include every one now current. Current and new computer charts will be added as the large amount of information required for SPECS is available. Many of the first generation vacuum tube machines are not included as most are now retired, nor are one-of-a-kind computers included. Older computers included are for historic contrast (such as Univac I, IBM 650 etc.) to the third generation machines with their multiprocessing, multiprogramming, communication, graphics, and visual display capabilities. Today the trend of most large computer manufacturers is toward families (or series) of machines which are upward compatible, i.e., System 360s, Spectra 70s, GE 200, 400, and 600 series, Burroughs 500 series, Control Data's 3000 and 6000 series, Scientific Data Systems new Sigma series, Honeywell 200 series, Univac 9000 series, etc.

The definitions below are included to aid in sharpening understanding and to help in picking the way through the maze of snarled semantics in the data processing field. These definitions are either from the ASA glossary (1966) or the previous Glossary of Automatic Data Processing which the government prepared circa 1962.

Assembler: A program which is used to prepare a machine language program from a symbolic language program by substituting absolute operation codes for symbolic codes and absolute or relocatable addresses for symbolic addresses.

Compiler: A program used to prepare a machine language program from a computer program written in another programming language by making use of the overall logic structure of the program, or generating more than one machine instruction for each symbolic statement, or both, as well as performing the function of an assembler.

Executive Routine: A routine that controls the execution of other routines. Also defined as: a routine which controls loading and relocation of routines and in some cases makes use of instructions which are unknown to the general programmer. Sometimes called Master Control Program.

Generator: A controlling routine that performs a generate function i.e. Report Generator, I/O Generator.

Macro Instruction: An instruction in a source language that is equivalent to a specified sequence of machine instructions. Also: 1) an instruction consisting of a

sequence of micro instructions which are inserted into the object routine for performing a specific operation; 2) the more powerful instructions which combine several operations in one instruction.

Master Control: An application oriented routine usually applied to the highest level of a subroutine hierarchy.

Micro Instruction: A small, single, short, add, shift or delete type of command.

Multiprogramming: A technique for handling numerous routines or programs simultaneously by means of an interweaving process.

Operating System: An organized collection of techniques and procedures for operating a computer. Also: an integrated collection of service routines for supervising the sequencing of programs by a computer. Operating systems may perform debugging, input/output, accounting, compilation, and storage assignment tasks. Sometimes the term is used synonymously for **executive routine**.

Utility Routine: A standard routine used to assist in the operation of the computer; e.g. a conversion routine, a sorting routine, a printout routine, or a tracing routine.

Common Software Acronyms

The acronyms below are the names of widely used software. Proprietary names of software are defined on the contents page found at the beginning of each manufacturer's section.

ALGOL (ALGorithmic Oriented Language) is an international procedure.

APT (Automatic Programming Technique) is for Numerical Control.

ADAPT is a smaller version of APT.

FORTRAN (FORmula TRANslating system) is a programming language designed for problems which can be expressed in algebraic notation, allowing for exponentiation and up to three subscripts. Developed originally by IBM, FORTRAN has been widely adopted.

JOVIAL is a compiler and seemly program, originally developed by System Development Corporation and now adopted by others.

JOSS (Johnniac Open Shop System) is an experimental online computational system developed by the RAND Corporation as a problem solving tool for its scientific/engineering personnel.

LISP is a list processor, developed by Massachusetts Institute of Technology originally for the IBM 704.

MAD (Michigan Algorithmic Decoder), developed by the University of Michigan originally for the IBM 704.

PERT (Program Evaluation and Review Technique) was originally developed by the Naval Ordnance Proving Grounds and has since been widely adopted and expanded to include similar programs such as PERT Cost and PERT Time.

Edith H. Goodman, Editor

GUIDELINES TO COMPUTER SPECS

SPECS contains over a hundred computer charts arranged in 18 sections, as information becomes available in sufficient detail other charts will be added. Each section represents one computer manufacturer, section progression is alphabetical by maker name.

The charts within the sections are arranged in delivery date order (earliest first). This delivery date sequence was chosen to give perspective of the overall historical picture of the computer field. The usual listings by numerical order have been made logically impossible by third generation designations.

Note should be taken that some of the newer, larger machines do not lend themselves to the uniform format.

In order to accommodate greater numbers of certain types of peripherals for some machines (tapes, communications, disks) we have had to expand certain sections for some computer systems. It is advisable to check column headings.

The Master Table of Contents below lists the section sequence.

An individual contents page is at the front of each section, and where necessary the proprietary software explanation is on that page. General software is discussed in the Preface.

As SPECS is updated or revised, new contents pages will be issued.

MASTER TABLE OF CONTENTS

Manufacturer	Computer Designation
ASI (See EMR Computer Division)	
Burroughs Corporation	B
Clary Corporation	DE
Control Data Corporation	CDC
Data Machines, Inc.	Data
Digital Equipment Corporation	PDP
EMR Computer Division (formerly ASI)	Advance
Friden	Friden
General Electric Company	GE
Honeywell	H
International Business Machines, Inc.	IBM
Logic Corporation	LC
Monroe International, Inc.	Monrobot
National Cash Register	NCR
Pacific Data Systems	PDS
Scientific Control Corporation	SCC
Radio Corporation of America	RCA
Scientific Data Systems	SDS, Sigma
SCM	SCM
Univac, division of Sperry Rand Corporation	Univac

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Dallas, Texas 75201
1914 North Harwood Street
Telephone: 214 748-9863
TWX: 910 861-4046
W. E. Morgan, District Manager

BURROUGHS

B 260, 270, 280	1, 2
B 5500 (B 500 series)	3, 4
B 263, 273, 283	5, 6
B 300	7, 8
B 2500 (B 500 series)	9, 10
B 3500 (B 500 series)	11, 12

SOFTWARE

Interp: conversational-computation-type system (Joss-type system)
Text: Editor: remote programming system

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
not a modular system	1	\$1,500, 1,650, 1,585	Not applicable	4.8K	Not applicable	10	6	1 (instructions) 12

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
7	Variable	B471	10	\$710	B475	9.6	20	100K	5	\$990

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable		Not applicable		Not applicable		Not applicable	Not applicable		B421	50KC	6	\$700

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			B122	200	2	\$150	B303	100	1	\$450	B141	1000	2	\$400
			B123	475	2	320	B304	300	1	650				
			B124	800	2	400								

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

B 260 B 270 B 280

COMPUTER B260, B270, B280

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
B341	100	1	\$190	B320	475	2	\$ 810	B103	1565	1	\$2000
				B321	700	2	1200	B106	1200	1	1800
				B328	1040	2	1325				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Not applicable		Not applicable		Not applicable		Not applicable		Not applicable		Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable		Not applicable		\$2,910	\$5,000	\$10,235	Not applicable	Not applicable	Not applicable	Assemblers Generators	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not applicable		Not applicable		Not applicable		6/62	LISTERS B322 1565 DPM 2 \$1600 B323 1565 DPM 2 1700 B326 1200 DPM 2 1290				

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
B5280	2 (2nd C. P.)	\$7,400 4,500	32,768	4,096	\$1,450 1,250	4 6	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	Floating	B471	20	\$710	B475	9.6	20	100K	5	\$990

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control		Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
B430	32,768	8.5	154K	0 2	\$1,700	Not applicable	Not applicable	B422	66KC	16	\$800
								B423	24KC	16	495
								B425	72KC	16	850

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			B122	200	2	\$150	B303	100	1	\$450	B141	1000	2	\$400
			B123	475	2	320	B304	300	1	650				
			B124	800	2	400								
			B129	1400	2	500								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

B5500

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
B341	100	2	190	B320	475	2	810	Not applicable		Not applicable	
				B321	700	2	1200				
				B325	700	2 (132)	1275				
				B328	1040	2	1325				
				B329	1040	2 (132)	1400				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
B483	15	660	Not applicable		Not applicable	B484	15	700	Yes	Not applicable
B487	15	495				B486	15	1095		
980	240	40				B481	15	460		
B493	240	55				B487	15	495		
						981	75	60		
						982	60	45		
						983	120	35		
						984	60	170		
						985	105	85		

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
Not applicable		Standard	Not applicable	\$13,200	\$18,000	\$50,950 ^f	yes	yes	yes	MCP (Master Control Program) Interp Text Editor

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Standard	Standard	Not applicable		Standard	4/63	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

^f Does not include disk file or data communication units

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
not a modular system	1	\$1,600-1,850, 1,785	Not applicable	4.8K 9.6K 19.2K	\$275 325	6	6	1 (instructions) 12

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
7	Variable	B471	10	\$710	B475	9.6	20	100K	5	\$990

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	B421	50KC	6	\$700
									B422	66KC	6	800
									B423	24KC	6	495

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			B122	200	2	\$150	B303	100	1	\$450	B141	1000	2	\$400
			B123	475	2	320	B304	300	1	650				
			B124	800	2	400								
			B129	1400	2	500								

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
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COMPUTER

B263, B273, B283

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
B341	100	1	\$190	B320	475	2	\$ 810	B103	1565	1	\$2000
				B321	700	2	1200	B106	1200	1	1800
				B325	700	2 (132)	1275				
				B328	1040	2	1325				
				B329	1040	2 (132)	1400				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
B483	15	\$660	Not applicable		Not applicable	B484	15	\$ 700	Not applicable		
B493	120	55				B486	15	1095			
						B481	15	460			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
B495	1	optional	\$300	\$3,010	\$5,000	\$12,345 ⁴	Not applicable	yes	Not applicable	Assemblers Generators 1401 Translator Operating System	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES LISTERS					
		Standard Number	Optional Number								
Not applicable		Not applicable		Not applicable	1/64	B322	1565 DPM	2	\$1600		
						B323	1565 DPM	2	1700		
						B326	1200 DPM	2	1290		

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

⁴ Does not include disk file or data communication unit.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
not a modular system	1	\$1,645	Not applicable	4.8K 9.6K 19.2K	275 325	6	6	1 (instructions) 12

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
7	Variable	B471	10	\$710	B475	9.6	20	100K	5	\$990

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable		Not applicable		Not applicable		Not applicable	Not applicable		B421	50KC	6	\$700
									B422	66KC	6	800
									B423	24KC	6	495
									B425	72KC	6	850

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			B122	200	2	\$150	B303	100	1	\$450	B141	1000	2	\$400
			B123	475	2	320	B304	300	1	650				
			B124	800	2	400								
			B129	1400	2	500								

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

B 300

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
B341	100	1	\$190	B320	475	2	\$ 810	B103	1565	1	\$ 2000
				B321	700	2	1200	B106	1200	1	1800
				B325	700	2	1275	B116	1565	1	2300
				B328	1040	2	1325				
				B329	1040	2	1400				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
B483	15	660	Not applicable		Not applicable	B484	15	\$ 700	Not applicable		
B493	120	55				B486	15	1095			
B487	4	495				B481	15	460			
980	64	40				B487	4	495			
						981	20	60			
						982	16	45			
						983	32	35			
						984	16	170			
						985	28	85			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
B495	1	optional	\$ 300	\$3,055	\$5,000	\$12,860 [†]		yes		Assemblers Generators 1401 Translator Operating System	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number			LISTERS					
Not applicable	Not applicable	Not applicable		Not applicable	7/65	B322	1565 DPM	2	\$1600		
						B323	1565 DPM	2	1700		
						B326	1200 DPM	2	1290		
						B332	1565 DPM	1	1700		
						B333	1565 DPM	2	750		

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

[†] Does not include disk file or data communication unit.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
2501	1	\$1,195	Not applicable	10-60K	450-2,450	2	16	2 *

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
6	10	2373	3	\$200	9371 9372	1 required for each 5-9372's 10	20	200K	5	\$650 875-650

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable		Not applicable		Not applicable		2381-1	3	\$200	9381-4	36KB	24	\$325
						2381-2	3	350	9382-4	72KB	24	425
						2391-1	3	275	9390	50KC	30	480
						2391-3	3	300	9391	72KC	30	575
						2393-1	3	325	9392	72KB	30	575
						2393-2	3	450	9393	144KB	30	650

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
2110	6	\$50	9110	200	6	\$175								
			9111	800	6	325								
			9112	1400	6	450								
2210	3	50					9210	100	3	350				
2120	3	50					9211	300	3	515	9120	1000	3	\$300

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER B2500

I/O CONTROL UNIT			PAPER TAPE PUNCH				PRINTER				I/O CONTROL UNIT			MICR/OPTICAL READER			
unit #	max. no./system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	max. no./system ²	rental/unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
2220	3	\$ 50	9220	100	3	\$260	9240	700	6	\$800.	2130	2	\$100	9130	1565(13 pkt)	2	\$1,890
2240	6	75					9241	1040**	6	900.				9132	1565(16 pkt)	2	2,200
2130	2	100					9242	815	3	850.							
							9243	1040**	3	950.							

I/O CONTROL UNIT			INQUIRY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
2351 (1 line)	3	\$125	9350	3 direct, unlimited on dial up	55 ea. plus 30 for line adapter	TWX B2500 B3500 U1004 IBM 1050 Digitronics D507 & 509	3 direct, unlimited on dial up	Adapted prices 30 50 50 85 60 30	yes	yes

I/O CONTROL UNIT			CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE		
unit #	max. no./system ²	rental/unit ³	unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	COBOL	FORTRAN	OTHER
2340	1	\$75	9340	1	optional	\$55	\$4,195	\$5,000	\$13,000	yes	yes	Full operating system. utility programs, sort & report generators and basic operating system (I/O control.)

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
50	Standard	3 per program	Not applicable	Standard	1/67	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

* Achieves speed w/37 character set.
 ** Achieves speed w/46 character set.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word ¹
3501	1	\$1,695	Not applicable	10-500K	500-15,000	1	16	2 *

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
20	10	3373	10	\$250	9371 9372	1 required for each 5-9372's 10	20	200K	5	\$650 875-650

MAGNETIC TAPE							I/O CONTROL UNIT			CARD READER			
Control			Tape unit				unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit							
3381-1	10	\$235	9381-4	36KB	80	\$325	3110	20	\$50	9110	200	20	\$175
3381-2	10	395	9382-4	72KB	80	425	3210	10	50	9111	800	20	325
3391-1	10	275	9390	50KC	100	480	3120	10	50	9112	1400	20	450
3391-3	10	300	9391	72KC	100	575							
3393-1	10	375	9392	72KB	100	575							
3393-2	10	475	9393	144KB	100	650							

I/O CONTROL UNIT			CARD PUNCH			PAPER TAPE READ			I/O CONTROL UNIT			PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER						
unit #	max. no./system ²	rental/unit ³	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	max. no./system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³	
3210	10	\$50	9210	100	10	\$350					3220	10	\$50	9220	100	10	\$260	9240	700	10	\$800					
			9211	300	10	515					3240	10	75					9241	1040*	10	900					
																		9242	815	10	850					
																		9243	1040**	10	950					
3120	10	50					9120	1000	3	\$300	3130	2	100					9130					1,565(13 pkt.)	2	\$1,890	
																		9132					1,565(16 pkt.)	2	2,200	

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Achieves speed w/37 character set.

** Achieves speed w/46 character set.

COMPUTER

B3500

I/O CONTROL UNIT			INQUIRY			COMMUNICATIONS				
unit #	max. no./ system ²	rental/ unit ³	unit #	max. units/ system ²	mo. rental per unit ³	unit #	max. units/ system ²	mo. rental per unit ³	time sharing capability	audio response
3351 (1 line ea.)	10	\$ 125	9350	10 direct unlimited on dial up	\$55 ea. + 30 for line adapter	TWX B2500 B3500 U1400 IBM 1050 digitronics D507 & 509	Up to 36 direct, unlimited on dial up	Adapters 30 50 50 85 60 30	yes	yes
3353 (36 lines)	1	400		36 direct						
I/O CONTROL UNIT			CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		
unit #	max. units/ system ²	rental/ unit ³	unit #	max. units/ system ²	standard, optional, not avail.	rental/ unit ³		average	maximum	
3340	1	\$100	9340	1	optional	\$55	\$4, 780	\$7,000	over \$20,000	
SOFTWARE				FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS				
ALGOL	COBOL	FORTRAN	OTHER			Standard Number	Optional Number			
Not appli- cable	yes	yes	Full operating system, utility programs, sort & report generators and basic operating system (I/O control)	100	Standard	3 per program	Not applicable			
PRIORITY INTERRUPT			First delivery date	NOTES						
Standard			5/67							

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

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CLARY CORPORATION

DE 60	1, 2
DE 600	3, 4

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
DE 60		\$ 11,950S	D. 032			50K	80	19

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
	032	50	50	1								

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
														\$ 79

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

DE 60

COMPUTER DE 60

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PR/1	50	1	\$ 398								

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
		standard		\$251						

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
						externally stored program (wired) direct entry operation PR 1 - Punch Reader Combination Unit

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/ bits	characters/ word
DE 600		\$ 15,950S	D. 064			50K	80	19

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
		50	50	1								

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./ sec. in	max. units/system ²	rental/unit ³
			CR 1	100	1	NA					PR 1	50		\$ 79

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

DE 600

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PR 1	50		\$3,000.00 sale								
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
		standard		\$ 335							
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
not applicable	not applicable				March 1966	externally stored program (wired) direct entry operation PR 1 Punch Reader Combination					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

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CONTROL DATA CORPORATION

CDC 3600 (3000 series).....	1, 2
CDC 3200 (3000 series).....	3, 4
CDC 6600 (6000 series).....	5, 6
CDC 3400 (3000 series).....	7, 8
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CDC 1700	11, 12
CDC 6400 (6000 series).....	13, 14
CDC 3100 (3000 series).....	15, 16
CDC 3800 (3000 series).....	17, 18

SOFTWARE

(for general software, see Preface)

Disk Scope: operating system
ILP-1: linear programming package
INFOL: information language
Optima--L. P. : linear programming package
Real Time Scope: operating system
SIMSCRIPT: simulation programming language
Tape Scope: operating system

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
3604	2	\$956,500 purchase \$ 13,500/mo. lease	262	32,768 words in 16,384 word banks	\$10,500/mo.	1.5	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
32	8	3232	256	\$20,000P 500L	852	2	30-165	77,730	5	\$ 390
					853	4.1	30-165	208,000	8	350
		3234	256	\$25,000P 540L	854	8.2	30-165	208,000	8	520
					813	100	25-110	196,000	8	3,650
					814	200	25-110	196,000	4	5,500

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
3637 control- ler 363 drum	4194	17 ms ave	2,000,000	8/channel	\$1,150	3127	0 256	\$ 335	601	20,800	0 1024	\$300
				8/controller	2,750	3228	0 256	445	604	60,000	0 4096	630
						3229	0 256	630	607	120,000	0 4096	920
						3423	0 256	1,450				
						3624	0 256	4,100				
						3625	0 256	2,550				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			3447			\$235	3446			\$475	3691	350	0 256	\$325
			control				control				reader/			
			3649			340	3644			710	punch			
			control				control				3694	1000	0 256	\$680
			405	1200	0 256	420	415	250	0 256	310	reader/			
			card				card				punch			
			reader				punch							

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER CDC 3600

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3691 reader/punch	120	0 256	\$325	3152 3256 control	150	0 256	\$660	3195 control			\$ 490
3694 reader/punch	120	0 256	680	505 501	500 1000	0 256 0 256	540 670 910	915 page reader	370 char./sec.	0 256	2,100
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
216 control	0 4096	\$725	3291A	0 256	\$380	8130	4096	\$1,680	yes	-	
217	0 12 per 216	380	3290B control	0 256	725	3266	0 256	315			
211F	0 12 per 216	135	211A 218C	12 per 3290B 12 per 3290B	125 270	Comm. Terminal Controller					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	1	standard	Not applicable	\$32,355	\$48,000	-	yes	yes	IV	SCOPE Operating System SIMSCRIPT, PERT/TIME, Linear Programming Systems APT INFOL SORT	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	6	Not applicable	standard	6/63	No longer in production.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
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 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
3204	1	\$215,500 purchase \$ 4,500 lease	32	8,192 words 16,384 words	\$1300 \$2350	1.25	24	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	8	3232	64	\$20,000 P	852	2	30-165	77,730	5	\$ 390
		3234	64	500 L	853	4.1	30-165	208,000	8	350
				25,000 P	854	8.2	30-165	208,000	8	520
				540 L	813	100	25-110	196,000	8	3,650
					814	200	25-110	196,000	4	5,500

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
3637 controller	4194	17 ms ave	2,000,000	0 8/channel	\$1,150	3127	0	64	\$ 335	601	20,800	256	\$300
						3228	0	64	445	604	60,000	512	630
						3229	0	64	630	607	120,000	512	920
863 drum						3423	0	64	1,450				
						3624	0	64	4,100				
						3625	0	64	2,550				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			3447 control		M 64	\$235	3446 control		M 64	\$475	3691 reader/punch	350	0 64	\$325
			3649 control		M 64	340	3644 control		M 64	710				
			405 card reader	1200	M 64	420	415 card punch	250	M 64	310	3694 reader/punch	1000	0 64	680

1. Star with number indicates bytes, if byte machine.
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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3691 reader/punch	120	0 64	\$325	3152	150	M 64	\$ 660	3195		0 64	\$ 490
3694 reader/punch	120	0 64	680	3256 control			540	control			
				505	500	M 64	670	915	370 char. per sec.	0 64	2,100
				501	1000	M 64	910	page reader			
				3254	300	M 64	925				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
216 control	0 1024	\$725	3291A	0 64	\$380	8130	1024	\$1680	yes	-	
217	12 per 216	380	3290B control	0 64	725	3266 comm	64	315			
211F	12 per 216	135	211A	12 per 3290B	125	terminal controller	64	345			
			218C	12 per 3290B	270	3216 real time comm. module	64				
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
not applicable		standard	N/C	\$7,215	\$13,380	-	yes	yes	yes	Report Generator PERT/TIME SORT PERT/COST 1401 Simulator Linear Programming Systems	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	3	not applicable	standard	5/64	No longer in production.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
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 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
6613	1	\$ 3,675,000	Not	131 K	Not Applicable	1	60 bits	10
6614	1	2,310,000	Applicable	65 K		1	60 bits	10
6615	1	1,627,500		32 K		1	60 bits	10
Each model includes 10 peripheral processors		Included in above price		4 K/Processor		1	12 bits	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
12 channels standard	Nominally, 8 controllers/channel 8 units/controller	No Separate Controller			6603	37.4	200-267	1,250.000	1	\$3.900
		No Separate Controller			6638	83.5	25-110	1,680.000	1	9,400
		3234	Varies with total system configuration		813	50.	25-110	196.000	8	3,450
		3234			814	100.	25-110	196.000	8	5,500
		3234			853	2.05	30-165	208.000	8	350
		3234			854	4.1	30-165	208.000	8	520
		3232			852	1.	30-165	77,730	5	390

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
863	2,050	17	2 x 10 ⁶	Varies with total system configuration	\$2750	3228	Varies with total system configuration	\$ 445.	607	30 KC	4 units, 1 ch.	\$ 920.
3637	Control Unit Will Handle 8 Drums		1150		3229	630.		8 units, 1 ch.				
						3423		1450.		83.3KC	8 units, 2 ch	
						3624		4100.		120KC	16 units, 4 ch	
						3625		2550.		240KC	8 units, 3 ch	1150.
						6622		590.	626		4 units, 1 ch	

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not Applicable			3447	control unit	Varies with total system configuration	\$ 235.	3446	Control Unit	Varies with total system configuration.	\$ 470	Not Applicable			
			405	1200		420.	415	250		310				

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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
	Not Applicable			3256	1000	Control Unit Varies with total system configuration	\$ 540	3195	Control Unit 370 Char./Sec.	Varies	\$ 490
			501	910			915	2100			

INQUIRY			VISUAL DISPLAY		COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
3290	Varies	\$725 controller 125 display	252	Display	\$ 865	667B	Communication Terminal	\$ 900.		Broad Band Channel Multiplexer, Voice Grade Line Multiplexer, Low, Medium and High Speeds
Controller +211 display			270	CRT/Light Pen Console	5800	3266	Communication Terminal	315.		
			273	Console	840	8130	Remote Terminal	1,680.		
217 remote station	Varies	\$380	281	Microfilm Recorder Contrlr.	5900	8230	Remote Terminal	3,900.		
			282	Display	865	8231	Remote Terminal	4,250.		
			283	Recorder	1350					

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
6612	Varies	Standard	\$1200	\$59,250	\$85,000	\$150,000	60	DOD-65 ASA	II, IV ASA	SCOPE - Monitor System SIMSCRIPT APT Compass - Assembler Sort/Merge, Pert Time, Optima - L.P. 7090 Simulator, File Manager

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Floating Point-Standard. 10 arithmetic and logical units; add, multiply, multiply, divide, long add, shift, branch, boolean, increment, increment, 8 operand registers (60 bit) 8 address registers (18 bit) 8 increment (index) (18 bit) An instruction stack holding 16 to 32 instructions.	Yes on peripheral processors No on central processor	8	none	no.	9/64	The 6600 system contains 11 physically integrated but logically independent processors; 1 central processor for problem programming and 10 peripheral processors for monitor, systems and I/O functions. The central processor multiprograms from central memory with hardware program protect features. The central processor has no I/O commands. All I/O is accomplished by peripheral processors upon signals to do so from central. The peripheral processors and central processor execute simultaneously thereby multiprocessing. Central Memory Banking and Operand Register Concept allows a new memory access every 100 nanoseconds.

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 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
3404		\$388,500 P 9,200 L (includes 16 K words core storage)	32	16,384	\$2,950	1.5	48 plus 3 parity	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions characters	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	8	3232	0 32	\$20,000 P	852	2	30-165	77,730	5	\$ 390
		3234	0 32	500 L	853	4.1	30-165	208,000	8	350
				25,000 P	854	8.2	30-165	208,000	8	520
				540 L	813	100	25-110	196,000	8	3,650
					814	200	25-110	196,000	4	5,500

DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
3637 controller	4194	17 ms. average	2,000.000	0 32	\$1,150	3127	32	\$ 335	601	20,800	M	128	\$300	
863 drum				0 8/controller	\$2,750	3228	32	445	604	60,000	M	256	630	
						3229	32	630	607	120,000	M	256	920	
						3423	32	1,450						
						3624	32	4,100						
						3625	32	2,550						

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			3447 control		M 32	\$235	3446 control		M 32	\$475	3691 reader/punch	350	0 32	\$325
			3649 control		M 32	340	3644 control		M 32	710				
			405 card reader	1200	M 32	420	415 card punch	250	M 32	310	3694 reader/punch	1000	0 32	680

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER CDC 3400

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3691 reader/ punch	120	0 32	\$325	3152 3256 control	150	M 32	\$660	3195 control		0 32	\$ 490
3694 reader/ punch	120	0 32	680	505 501	500 1000	M 32 M 32	670 910	915 page reader,	370 char./sec.	0 32	2,100

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
216 control	0 512	\$725	3291A 3290B control	0 32 0 32	\$380 725	8130 3266	0 512 0 32	\$1,680 315	yes	-
217 211F	0 12 per 216 0 12 per 216	380 135	211A 218C	0 12 per 3290B 0 12 per 3290B	125 270	3216	0 32	345		

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
Not applicable		standard	N. C.	\$14,085	\$23,750	-	yes	yes	yes	SORT Linear Programming PERT/TIME

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
optional	standard	6	Not applicable	standard	11/64	No longer in production.

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
3304	2	\$163,000 P \$4500 L	262	8,192 16,384	\$1450 2500	1.25	24 bits/word	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	8	3232	64	\$20,000 P	852	2	30-165	77.730	5	\$ 390
		3234	64	500 L	853	4.1	30-165	208,000	8	350
				25,000 P	854	8.2	30-165	208,000	8	520
				540	813	100.	25-110	196,000	8	3650
					814	200.	25-110	196,000	4	5500

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
3637 controller				Ø 8/channel	\$1150	3127	Ø 064	\$ 335	601	20,800	M 256	\$300
						3228	Ø 064	445	604	60,000	M1024	630
						3229	Ø 064	630	607	120,000	M1024	920
						3423	Ø 064	1450				
						3624	Ø 064	4100				
863 drum	4194	17 ms av.	2,000,000	Ø 8/controller	\$2750	3625	Ø 064	2550				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			3447 control			\$235	3446 control			475	3691 reader/punch	350	Ø 064	\$325
			3649 control			340	3644 control			710				
			405	1200	M 064	420	415	250	Ø 064	310	3694 reader/punch	1000	Ø 064	680

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER 3300

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3691 reader/punch	120	Ø 064	\$325	3152 3256 control	150	M 064	\$ 660 540	3195 control		Ø 064	\$ 490
3694 reader/punch	120	Ø 064	680	505 501	500 1000	M 064 M 064	670 910	915 page reader	370 char./sec.	Ø 064	2100
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
216 control	Ø 1024	\$ 725	3291 A	Ø 064	\$ 380	8130	1024	\$1680	yes		
217	12/216	380	3290 B control	Ø 064	725	3266	Comm's Terminal controller	315			
211F	12/216	135	211 A 218 C	12/3290 B 12/3290 B	125 270	326	Real Time Comm's Module	345			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
not applicable		standard	N. C.	\$9605	\$22,200	not applicable	yes	yes	yes	Tape Scope, Real Time Scope, Disk Scope, Mass Storage Operating System, Multi-Programming Time-Sharing Monitor, Sort Report Generator, PERT ADAPT	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	3	not applicable	standard	1/66	Business data processing instruction repertoire multi-programming module, hardware storage protect.					

i. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx						
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word	
1704	1	\$37,500	32	4,096	Purchase \$11,000	1.1	16 data 1 parity 1 protect 18 total	2*	

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
4	8	1738	8	\$12,000	853	1.5	30 to 165	156 KB	2*	Purchase \$15,500
					854	3.0	30 to 165	156 KB	2*	23,000

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char./sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
1751	65 to 8,000	8	250	8	Purchase \$30,980 for 65K size \$35,230 for 262K size	1731	8	Purchase \$9,000	601	7,500 or 20,800	8	Purchase \$13,500

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
1705	1	Purchase necessary for operating system (E006) software. \$5,600	1729	100	1	Purchase \$9,000		not applicable		not applicable	1721	400	1	Purchase \$4,500

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

*One 853 or 854 or 1751 drum required for operating system (E006 software).

COMPUTER

CDC 1700

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1723	120	1	\$5,100 Purchase	1742	300	8	Purchase \$38,500	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	1749	8	Purchase \$12,500	yes	no	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1711	1	one required	Purchase \$4,000	Purchase \$43,800	\$100,000	\$500,000	no	no	IV	4K Assembly System Utility System Operating System Operating Monitor Assembler Macro Assembler Tape FORTRAN (ASA) Mass Store FORTRAN (ASA) Process Control Package	
1713	1	1713 includes paper tape I/O	6,300					actually is ASA FORTRAN			
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	standard	2	Second is indirect address to any core location	2 standard 14 more in 1705 Data channel	4/66	Large variety of Analog/Digital System devices Large variety of communication terminal adapters 1700 to 1700 coupling data channel (1716) 1700 to 3000 series satellite coupler (1718)					

1. Star with number indicates bytes, if byte machine.
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 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
6413		\$ 2,373,000.	Not Applicable	131K	Not Applicable	1	60 bits	10
6414		1,365,000.		65K		1	60 bits	10
6415		861,000.		32K		1	60 bits	10
Each model includes 10 peripheral processors		Included in above price		4K/Processor		1	12 bits	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
12 channels standard	Nominally, 8 controller/channels 8 units/controller	No Separate Controller			6603	37.4	200-267	1,250,000	1	\$ 3,900
		No Separate Controller			6638	83.5	25-110	1,680,000	1	9,400
		3234	Varies with total system configuration	\$25,000	813	50.	25-110	196,000	8	3,450
		3234			814	100.	25-110	196,000	8	5,500
		3234			853	2.05	30-165	208,000	8	350
		3234			854	4.1	30-165	208,000	8	520
		3234			852	1.	30-165	77,730	5	390
3232	20,000									

DRUM STORAGE						MAGNETIC TAPE											
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit								
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit					
863	2,050	17	2 x 10 ⁶	Varies with total system configuration	\$2750	3228	Varies with total system configuration	\$ 445	607	30 KC	4 units, 1 ch	\$ 920					
3637	Control Unit Will Handle 8 Drums	3229	630														
		3423	1450			83.3KC		8 units, 2 ch									
		3624	4100										120KC	16 units, 4 ch			
		3625	2550												8 units, 3 ch		
		6622	590													240KC	4 units, 1 ch

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			3447	Control unit 1200	Varies with total system configuration	\$ 235.	3446	Control Unit 250	Varies with total system configuration	\$ 475	Not Applicable			
			405			420.	415			310				

- Star with number indicates bytes, if byte machine.
 - M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 - Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER CDC 6400

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable				3256 501	Control Unit 1000	Varies with total system configuration		\$ 540 910	3195 915	Control Unit 370 Char./Sec.	Varies 2100

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
3290 controller +211 display	Varies	\$725 controller 125 display	252	Display	865	6675 B	Communication Terminal	\$ 900.	Broad Band Channel Multiplexer, Voice Grade Line Multiplexer, Low Speed, Medium Speed, High Speed.	
217 remote station	Varies	\$380	270	CRT/Light Pen Console	5800	3266	Communication Terminal	315.		
			273	Console	840	8130	Remote Terminal	1,680.		
			281	Microfilm Recorder contrl.	5900	8230	Remote Terminal	3,900.		
			282	Display	865	8231	Remote Terminal	4,250.		
			283	Recorder	1350					

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
6612	Varies	Standard	\$1200	\$59,250	\$85,000	\$150,000	60	DOD-65 ASA	II, IV ASA	SCOPE - Monitor system SIMSCRIPT APT Compass - Assembler Sort/Merge Pert Time Optima - L. P. 7090 Simulator, File manager
				TYPICAL MINIMUM CONFIGURATION 1-6400 or 6600 1-3256/501 1-6603 or 6638 1-3228 1-6612 2-607 1-3447/405						

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Floating Point-Standard 8 operand registers (60 bit) 8 address registers (18 bit) 8 increment (index) (18 bit) Instruction buffer register (60 bit)	Yes on peripheral processors No on central processor	8	none	no.	5/66	The 6400 system contains 11 physically integrated but logically independent processors; 1 central processor for problem programming and 10 peripheral processors for monitor, systems and I/O functions. The central processor multiprograms from central memory with hardware program protect features. The central processor has no I/O commands. All I/O is accomplished by peripheral processors upon signals to do so from central. The peripheral processors and central processor execute simultaneously thereby multiprocessing. Central Memory Banking and Operand Register Concept allows a new memory access every 100 nanoseconds.

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 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
3114	1	\$105,500 P \$3850 L	32	8,000 words 16,384	\$44,000 P 84,000 P \$1300 L 2550 L	1.75 μ	24 bits/words	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	8	3232	32	\$20,000 P	852	2	30-165	77,730	5	\$ 390
		3234	32	500 L	853	4.1	30-165	208,000	8	350
				25,000 P	854	8.2	30-165	208,000	8	520
				540	813	100.	25-110	196,000	8	3650
					814	200.	25-110	196,000	4	5500

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
3637 controller				Ø 8/channel	\$1150	3127	Ø 32	335	601	20,800	M.128	\$300
						3228	Ø 32	445	604	60,000	M.512	630
						3229	Ø 32	630	607	120,000	M.512	920
						3423	Ø 32	1450				
						3624	Ø 32	4100				
863 drum	4194	17 ms. av.	2,000,000	Ø 8/controller	2750	3625	Ø 32	2550				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			3447 control		M032	\$235	3446 control		M032	475	3691 reader/punch	350	Ø 032	\$ 325
			3649 control		M032	340	3644 control		M032	710				
			405	1200	M032	420	415	250	M032	310	3694 reader/punch	1000	Ø 032	680

- Star with number indicates bytes, if byte machine.
 - M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 - Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

CDC 3100

COMPUTER CDC 3100

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3691 reader/punch	120	Ø 032	\$ 325	3152	150	M 032	\$ 660	3195 control		Ø 032	\$ 490
3694 reader/punch	120	Ø 032	680	3256 control			540				
				505	500	M 032	670	915 page reader	370 char./sec	Ø 032	2100
				501	1000	M 032	910				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
216 control	Ø 512	\$ 725	3291 A	not applicable	\$ 380	8130	512	\$1680	yes	not applicable	
217	12 per 216	380	3290 B		725	3266	Communications Terminal controller	315			
211 F	12 per 216	135	211 A		125	3216	Real Time Communications Module	345			
			218 C		270						
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
	not applicable	standard	N. O.	\$6400	\$10,600	not applicable	yes	yes	yes	Tape Scope, Real Time Scope, Disk Scope, and mass storage operating system monitors sort PERT ADAPT report generator 1401 simulator	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	3	not applicable	standard	-						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
3804	2	\$472,500 purchase 13,500/mo. lease	262	32,768 words in 8,192 words banks	\$12,500/mo.	0 9	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
32	8	3232	256	\$20,000P 500L	852	2	30-165	77.730	5	\$ 390
		3234	256	25,000P 540	853	4.1	30-165	208,000	8	350
					854	8.2	30-165	208,000	8	520
					813	100.	25-110	196,000	8	3650
					814	200.	25-110	196,000	4	5500

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
3637 controller	4194	17 ms. av.	2,000,000	8/channel	\$1150	3127	∅ 256	335	601	20 800	∅ 1024	\$300
				8/controller	2750	3228	∅ 256	445	604	60 000	∅ 4096	630
						3229	∅ 256	630	607	120 000	∅ 4096	920
863 drum						3423	∅ 256	1450				
						3624	∅ 256	4100				
						3625	∅ 256	2550				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
	not applicable		3447 control			\$ 235	3446 control			\$475	3691 reader/	350	∅ 256	\$ 325
			3649 control			340	3644 control			710	3694 reader/	1000	∅ 256	680
			405	1200	∅ 256	420	415	250	∅ 256	310	reader/punch			

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

COMPUTER

CDC 3800

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3691 reader/punch	120	Ø 256	\$ 325	3152	150	Ø 256	\$ 660	3195			\$ 490
3694 reader/punch	120	Ø 256	680	3256 control			540	control			
				505	500	Ø 256	670	915	370 char /sec.	Ø 256	2100
				501	1000	Ø 256	910	page reader			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
216 control	Ø 4096	\$ 725	3291 A	Ø 256	\$ 380	8130	4096	1680	yes	-	
217	Ø 12 per 216	380	3290 B control	Ø 256	725	3266	Communications Terminal controller		315		
211 F	Ø 12 per 216	135	211 A 218 C	12 per 3290 B 12 per 3290 B	125 270		Ø 256				
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
not applicable		standard	N. C.	\$34,700	\$53,000	-	yes	yes	yes	SASY Satellite Operating System, drum scope sort, SIMSCRIPT, Disk Sort, Multi-Programming Monitor, ILP-1, APT	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	6	not applicable	optional	-	Bit, character, and word addressing, multi-programming module with relocation, and inherent memory protect					

1. Star with number indicates bytes, if byte machine.
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 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

DATA MACHINES, INCORPORATED

DATA MACHINES, INCORPORATED
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DATA MACHINES, INC.

610 Series	1, 2
620 Series	3, 4
620 I	5, 6
620 A	7, 8

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
610		\$10,000	.25 to 4 delay line	.25	not applicable	6 m sec	12	2
611		12,000	.25 to 4 delay line	.25	-	6 m sec	12	2
612		13,500	.25 to 4 delay line	.25	-	500 μ	12	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	1	not applicable			not applicable		not applicable		not applicable	
4	1									
4	1									

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable					not applicable			not applicable			not applicable	

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			not applicable				not applicable				TTY33 25 M ₁ N/C TTY33 25 M ₁ N/C TTY33 25 M ₁ N/C			

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
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COMPUTER

DMI 610 Series

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
TTY33	10	M ₁	N/C	TTY33	6	M ₁	N/C	not applicable		not applicable	
TTY33	10	M ₁	N/C	TTY33	6	M ₁	N/C				
TTY33	10	M ₁	N/C	TTY33	6	M ₁	N/C				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
TTY33	M ₁	N/C	not applicable		not applicable	not applicable		not applicable	not applicable	not applicable	
TTY33	M ₁	N/C									
TTY33	M ₁	N/C									
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
TTY33	1	standard	N/C	\$ 10,000	11,500	16,000	not applicable				
TTY33	1	standard	N/C	\$ 12,000	13,500	18,000					
TTY33	1	standard	N/C	\$ 13,500	14,500	21,000					
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	0	0	N/A	12/64						
N/A	N/A	1	0	N/A							
N/A	standard	1	0	N/A							

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
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 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
620	2	\$20,000	4 to 32	4 or 8	\$800	1.8	16	2
622	2	25,000	4 to 32	4 or 8	950	1.8	18	3

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
64	4	620-41	8	\$18,000	620-41	.225	225	132,000	0 ₄	S\$18,000
		620-41-1	32	10,000	620-41-1	.225	225	132,000	0 ₄	S 10,000
64	4	622-41	8	18,000	620-41	.200	225	132,000	0 ₄	S 18,000
		622-41-1	32	10,000	620-41-1	.200	225	132,000	0 ₄	S 10,000

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
620-42	32 drum 225 disc	25	132,000	0 ₈	S\$35,000	620-30	8	S\$20,500	620-31-1	36,000	32	S\$9500
						620-32	8	S 25,500	620-33-1	60,000	32	S 15,000
						620-34	8	S 30,500	620-35-1	96,000	32	S 18,000
620-42-1	64 225 disc	25	132,000	0 ₈	S 42,000	620-30	8	S 20,500	620-31-1	36,000	32	S 9500
						620-32	8	S 25,500	620-33-1	60,000	32	S 15,000
						620-34	8	S 30,500	620-35-1	96,000	32	S 18,000

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
N/A	N/A	N/A	620-50	100	0 ₃₂	S\$4400	620-52	100	0 ₃₂	S \$24,000	620-60	25	0 ₃₂	S \$2400
											620-61	10	0 ₃₂	S 4800
											620-59-1	300	0 ₃₂	S 7200*
			620-50	100	0 ₃₂	S 4400	620-52	100	0 ₃₂	S 24,000	620 60	25	0 ₃₂	S 2400
											620-61	10	0 ₃₂	S 4800
											620-59-1	300	0 ₃₂	S 7200*

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Combination Punch and Reader.

COMPUTER DMI 620 Series

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
620-60	10	0 ₃₂	S \$2400	620-55	1200	M ₃₂	S \$11,000	special only		special only	
620-61	10	0 ₃₂	S 4800	620-56	600	M ₃₂	S 33,000				
620-59-1	60	0 ₃₂	S 7200*	620-57	300	M ₃₂	S 22,000				
620-60	10	0 ₃₂	S 2400	620-55	1200	M ₃₂	S 11,000	special only		special only	
620-61	10	0 ₃₂	S 4800	620-56	600	M ₃₂	S 33,000				
620-59-1	60	0 ₃₂	S 7200*	620-57	300	M ₃₂	S 22,000				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
620-60	0 ₃₂	S \$2400	620-70	0 ₃₂	S \$3,600 plus OSC	620-62	0 ₃₂	S \$4,500	yes	special
620-61	0 ₃₂	S 4800								
620-60	0 ₃₂	S 2400	620-70	0 ₃₂	S 3,600 plus OSC	620-62	0 ₃₂	S 4,500	yes	special
620-61	0 ₃₂	S 4800								

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
620-60	0 ₃₂	optional	S \$2400	S \$19,500	\$29,000	\$200,000	no	no	BASIC**	Assembler, arithmetic library aid maintain
620-61	0 ₃₂	optional	S 4800							
620-60	0 ₃₂	optional	S 2400	S 30,100	38,000	250,000	no	no	BASIC**	Assembler, arithmetic aid maintain
620-61	0 ₃₂	optional	S 4800							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
software	standard	3	0	2 standard, 64 optional	11/65	Processor options for special hardware programs. byte processing, extended addressing Independent GP memories. Multiple simultaneous memory operation Designed to operate in an integrated electronic data and information processing system Designed for single or multi-processor systems
software	standard	3	0	2 standard, 64 optional	1/66	

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

*Combination punch and reader.

* **Subset of FORTRAN IV, Reg 4k memory

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module ¹	storage cycle time in microseconds	word size/ bits ^{1a}	characters/ word
620 I	1	\$6,000 _S	4	4	7,500 _S	1.8	16	2
			8	8	15,000 _S			
			16	16	23,000 _S			
622 I	1	\$8,000 _S	32	4	46,000 _S	1.8	18	3
			4	4	8,500 _S			
			8	8	17,000 _S			
			16	16	25,000 _S			
			32	32	50,000 _S			

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
BUS	64	SPECIAL ORDER ONLY								
BUS	64	SPECIAL ORDER ONLY								

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
620-42-1	65	8MS	132,000	08	\$26K	620-30	08	Include w Tape		25KC	8	\$20.5K
620-42-2	131	8MS	132,000	08	\$35K	620-32	08	Include w Tape		60KC	8	\$24.5K
620-42-3	262	8MS	132,000	08	\$44K	620-34	08	Inc ude w Tape		96 KC	8	\$27.5K

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./ sec. in	max. units/system ²	rental/unit ³
			620-50	85	08	\$4.4K	N/A				620-58	300	08	\$3,800
			620-51	1000	08	\$10.5K	N/A							

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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
620-59	60	08	4200 _S	620-57	300	8	\$20,000 _S	N/A			
620-59-3	120	08	5000 _S								
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability ⁵	audio response ⁵	
SPECIAL ORDER ONLY			SPECIAL ORDER ONLY			SPECIAL ORDER ONLY					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN ⁴	OTHER ⁷	
ASR 33	1st		1400 _S	\$13,900 _S	\$30 _S	\$100 _S					
KSR 35	1st		2800 _S		\$40 _S	\$130 _S					
ASR 35	1st		3800 _S								
FLOATING POINT ⁶	INDIRECT ADDRESS ⁶	INDEX REGISTERS		PRIORITY INTERRUPT ⁶	First delivery date	NOTES ⁶					
		Standard Number	Optional Number								
N/A SOFTWARE	Standard	2	None	1st 0512	3/67	SPECIAL PRODUCTION VERSION OF DATA 620					
N/A SOFTWARE	Standard	2	None	1st 0512	3/67	SPECIAL PRODUCTION VERSION OF DATA 620					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
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 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	price / module ¹	storage cycle time in microseconds	word size/ bits ^{1,2}	characters/ word
DATA 620 A	1	\$30,900	8192	4K, 8K	\$12K, \$16K	1.8	16	2
DATA 622 A	1	32,100	8192	4K, 8K	\$14.4K, \$19.0K	1.8	18	3

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
BUS	64	SPECIAL ORDER ONLY								
BUS	64	SPECIAL ORDER ONLY								

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char/sec.	max. units/ system ²	price per unit ³	Control			Tape unit			
						unit #	max. per system	price /unit	unit #	transfer rate—ch./sec.	max. units/system	price /unit
620-42-1	65	8MS	132,000	0 8	\$26K	620-30	08	Include w Tape		25 KC	8	\$20.5K
620-42-2	131	8MS	132,000	0 8	\$35K	620-32	08	Include w Tape		60 KC	8	\$24.5K
620-42-3	262	8MS	132,000	0 8	\$44K	620-34	08	Include w Tape		96 KC	8	\$27.5K

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	price / unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	price / unit ³
			620-50	85	08	\$4.4K	N/A				620-58	300	08	\$3,800
			620-51	1000	08	\$10.5K	N/A							

1. Star with number indicates bytes, if byte machine.

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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	price per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
620-59	60	08	4200 _S	620-57	300	8	\$20,000 _S	N/A			
620-59-3	120	08	5000 _S								
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability ⁵	audio response ⁵	
SPECIAL ORDER ONLY			SPECIAL ORDER ONLY			SPECIAL ORDER ONLY					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN ⁴	OTHER ⁷	
ASR-33	64	1st 063	\$2400 _S	\$30,900 _S	\$50K	\$125K			BASIC	MAINTAIN, AID, DAS	
KSR-3	64	1st 063	\$2200 _S								
ASR-35	64	1st 063	\$4800 _S	\$32,100 _S	\$65K	\$150K			BASIC	MAINTAIN, AID, DAS	
KSR-35	64	1st 063	\$3800 _S								
FLOATING POINT ⁶	INDIRECT ADDRESS ⁶	INDEX REGISTERS		PRIORITY INTERRUPT ⁶	First delivery date	NOTES ⁶					
		Standard Number	Optional Number								
N/A SOFTWARE	Standard	2	None	1st 0512	3/67	SPECIAL PRODUCTION VERSION OF DATA 620					
N/A SOFTWARE	Standard	2	None	1st 0512	3/67	SPECIAL PRODUCTION VERSION OF DATA 620					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

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DIGITAL EQUIPMENT

PDP-6	1, 2
PDP-7	3, 4
PDP-8	5, 6
PDP-8/S	7, 8
PDP-10	9, 10

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
166	4	\$151,000 with paper tape reader and teleprinter	262K	16K	\$85,000	2	36	1 to 36 byte but manipulation available

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Up to 126 I/O devices some of which may control many others, i. e. 64 teletypes = 1 device	Up to 126 I/O devices some of which may control many others, i. e. 64 teletypes = 1 device	270	any reasonable number	\$140,000 control with 1 file	270	5.76M (36 bit words)	190	68,000 6-bit ch/sec inner zone 116,000 ch/sec outer zone	4	\$90,000 for each additional file up to 3 sales price

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		516-521	usually 1; more possible	\$18,000 per unit price	570	up to 90 KC	8 per 521	\$30,400 per 570 sales pr
						516-520	"	"	50	up to 41 KC	8 per 520	18,000 per 50
						551 "dec-tape" control unit	"	\$14,000	555 dual dectape transport	15KC	4 dual units per 551	\$7,400 sales

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
136 data control (more may be used) necessary for all mag tape	M ₁	\$10,000 sales	461	200	usually 1; more if necessary. 1 usually ditto	\$16,500 sales	460	100	usually 1; more if necessary ditto	\$29,000	760	400	usually 1; more if necessary	\$9,000 sales
				800		\$27,200 sales		300		42,000				

- Star with number indicates bytes, if byte machine.
 - M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 - Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
761	63.3	usually 1; more if necessary	\$5,500	646	300 600 1,000 options	same as always	price from \$30,000 for 120 col. 300 LPM to \$50,000 for 133 col. 1,000 LPM		not applicable		not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not applicable	Not applicable	346	1 more if nec.	\$33,225 w/o chan. generation \$40,000 with 64 ch. 43,900 with 128 ch.	630	usually 1 control system with up to 64 teletypes	\$14,202 for 8 TTY sta. then \$930 per sta. up to 64 teletypes themselves not included	yes for up to 7 truly simultan. users at present	no	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
626	1 up to 64 more with 630 system	Standard	incl. in price of arith. proc. type 166	\$331,400 purchase price, system incl. 166 proc. 16 K 2 Mic memory console tele-punch, paper tape reader, 136 data control, 551 dectape control 555 dual dec. transport	\$500,000	\$1.5 million & up	no	no	II & IV	Time sharing monitor, dynamic on line debugging prog., micro assembler, editor, linking loader peripheral interchange desk calculator	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Single precision 27 bit fraction, 8 bit exponent, 1 bit sign 8 decimal digit accuracy	yes, to any level	15	not applicable	Standard 7 level full programmable PI system	Sept. 1964	Important design criteria-organized around two lines systems-- I/O line permits up to 128 devices connected in parallel to processor--all devices look alike. Memory line permits up to 262K of different speed memory modules and will accomodate faster memory as it becomes available. System flexible, easily expanded. Fully integrated time sharing software provided.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
PDP-7	1	\$45,000	4-32K	4K	\$20,700 for first 4K of 8K 12,000 for second 4K of 8K	1.75	18	not applicable

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.*	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
64	not applicable	not applicable			not applicable	not applicable	not applicable	not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
24E	32K	8.65	14,800 words/sec. or 44.4 KC char.	not available	\$36,200 to \$43,400 sales	57 A	1	\$16,200 to \$18,900 sales	545	36 KC	8	\$12,000 sales
24F	65K								570	90 KC	8	\$30,400 sales
24G	121K								50	42 KC	8	\$18,000 sales

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			CRO 1B	100	1	\$4,100 sales	not applicable					300	1	n.c. standard on PDP 7
			CRO 2A	200	1	14,900 "								

- Star with number indicates bytes, if byte machine.
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 - Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

PDP-7

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Standard on PDP 7	63.3	1	n. c.	647	300	1	\$28,900 sales		not applicable		not applicable

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
not applicable	not applicable		30 34 340 343	1 several 1 several (slave to 340 only)	\$13,400 sale 3,600-4,500 26,700-30,058 12,700 sales	630	up to 64 stations on one system	\$5,000 \$66,000 sales	yes	no

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
KSR 33	3-4	Standard (1)	\$2,250 sale for each extra	N/A purchase only	\$70,000	\$350,000	not applicable		Yes	

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Software only	Yes	0	0	16 level option	12/64	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
	1	\$18,000	4-32K core	4K	\$10,000	1.5	12 binary	not applicable

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
64	not applicable	not applicable			not applicable				not applicable	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
RMO 8	8-262K	8.7	75 KC 12 bit wds/sec.	1	\$18,600	57 A	1	\$18,900	545	25 KC	8	12,000S
					to	57 A	1	18,900	570	90 KC	8	30,400S
					\$43,600	57 A	1	16,200	50	42 KC	8	18,000S
					sales	530	2	19,700	530	25 KC	1	
						552	1	9,500	TU 55	15 KC	8	2,350S
						dectape						

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
	not applicable		CRO 1 C	100	1	\$4,100 sales	not applicable				750C	300	1	\$3,500
			451A	200	1	14,900 sales								
			451B	800	1	25,600 sales								

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
75E	63.3	1	\$4,000 S	64	300	1	\$28,900 sales		not applicable		not applicable

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
	not applicable	not applicable	34D	1	\$3,600 sales	680	1	\$ 6,000-12,000 sales	for use with PDP 8 as T. S. terminal	no
			30	1	13,400 sales	LTO 8	several	\$ 2,400 to 6,000		no

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
ASR 33	several	Standard	N/A	N/A purchase only	\$18,000	\$125,000	not applicable		yes	macro

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
software	yes	8 auto. index	not applicable	May be OR ED together indefinitely, software priority	6/65	Purchase only--no rental

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word						
PDP8/S		\$9,995 (Basic)	4,000 to 32,000	4K to 32K		8 μ sec.	12 bits	3 char/word (BCD)						
INPUT/OUTPUT CHANNELS			DISK STORAGE											
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
Input/output through bus														
DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Bus oriented			CRO1C	100	No rental \$4,100 Purchase price						PCO2	300		\$2,500 Purchase Price

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER PDP 8-S

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PCO3	50		\$3,000 purchase price	future							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
			34D oscilloscope display & Light pen		\$3,600 oscil. \$2,800 Light Pen purchase price	type 636 & 637 commun. modems					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
ASR33 ASR35		ASR33 standard ASR35 optional		purchase price \$9,995 (basic)					ASA standard	1. Assembler	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Software (standard)	standard	Memory locations		standard	10/66						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word						
KA-10	4	\$80,000	262	8,092 16,384 16,384	\$49,000 S \$72,000 S \$62,000 S	1.0 1.0 1.65	36	1 to 36 hardware manipulation of any size bytes						
INPUT/OUTPUT CHANNELS			DISK STORAGE											
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
128 separate devices on I/O bus		RC10	4	\$12,000	RD10	440	17.25	333,333	4	S				
DRUM STORAGE					MAGNETIC TAPE									
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
						TM10A TM10B TD10	126 126 126		545 TU55	36,000 15,000	8/controller 8/controller			
I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
			CR10A CR10B	200 800	126 126	\$15,000 S \$27,500 S	CP10	100	126	\$30,000 sales	--	300	1	min. con.

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

PDP 10

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
-	50	1	min. con.	LP10A LP10B	300 600	126 126	\$32,500 S				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
			346/340 348/VR30 ¹	O ₁₂₆ O ₁₂₆	\$32,300 S \$18,295 S	DC10	O ₁₂₆	S	yes		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
-	1	standard	min. con.	\$110,000 sale price (basic)	\$250,000		no	yes	ASA standard FORTRAN IV	Macro assembler, TECO context editor, FORTRAN library, DDT debugging system, Peripheral interchange, linking loader, library updating system, desk calculator, LISP, batch control processor, various utility routines, complete diagnostics	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	standard Multilevel with indexing at each step	15	-	2 level standard 7 level optional fully nested fully programmable	9/67	365 wired instructions manip. of <u>any</u> size bytes fast acc. (index reg.) also addressable as memory locations; immediate mode addressing of operands; push down stack instructions for data storage and recursive subroutine calls; multilevel indirect addressing with indexing even in immediate mode. Asynchronous, interleaved memory. Memory protection and relocation. Complete hardware and software for general purpose time sharing.					

i. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

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EMR COMPUTER DIVISION (Formerly ASI)

Advance 6020.....	1, 2
Advance 6040.....	3, 4
Advance 6050	5, 6
Advance 6070.....	7, 8

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
6020		\$73.5K	4-32K	8K 16K	\$ 470 1340	1.9	24	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millsecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	32	not applicable			not applicable		not applicable		not applicable	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millsecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable			not applicable			60516	32	\$ 550	60517	24/66/90 KC	32	\$675

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ/PUNCH				
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	out
not applicable			60222	200	*	\$450	-	-	*	-	60045	500	*	\$360	\$110
			60251	200	*	-	-	100	*	\$ 645	60040	300	*	275	60
			60200	800	*	-	-	250	*	490 & IBM 1402					

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to \$, where system is for sale only.
- ** Purchase price, if not available on rental basis.

*A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor.

COMPUTER

ADVANCE 6020

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
not applicable		not applicable		60304	400	*	\$ 735	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable		not applicable		not applicable		not applicable		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
60111	*		\$ 95	\$ 3200	not applicable		not applicable		yes	Monitor - executive Assist - symbolic assembler	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	S	3	-	S/O	1/65	6020					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

*A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
6020		89.5K	4-32K	8K	\$ 470	1.9	24	6
6040				16K	1340			
				24K	2210			
				32K	3080			

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	32	not applicable			not applicable		not applicable		not applicable	

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
	not applicable		not applicable			60516	32	\$550	60517	24/66/90KC	32	\$675

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ/PUNCH				
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	out
	not applicable		60222	200	*	\$ 450			*		60045	500	*	\$360	\$110
			60251	200	*	-	100		*	\$ 645	60040	300	*	275	60
			60200	800	*	-	250		*	490 & IBM 1402					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
not applicable		not applicable		60304	400	*	\$735	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable			not applicable	not applicable		not applicable		not applicable			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
60111	*		\$ 95	\$6020/3200 6040/3400 6050/4000 6070/8000	not applicable				yes	Monitor - executive Assist - symbolic assembler	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
0	S	3		S/O	1/66						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
6050		\$104.5K	4-32K	8K 16K 24K 32K	\$ 470 1340 2210 3080	1.9	24	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
8	32	not applicable			not applicable			not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
	not applicable		not applicable		not applicable	60516	32	\$550	60517	24/66/90 KC	32	\$675

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ/PUNCH				
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³	out
	not applicable		60222	200	*	\$450			*		60045	500	*	\$360	\$110
			60251	200	*		100	*	\$645		60040	300	*	275	60
			60200	800	*		250	*	490 & IBM 1402						

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

*A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor

ADVANCE 6050

COMPUTER ADVANCE 6050

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
not applicable		not applicable		60304	400	*	\$ 735	not applicable		not applicable	

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
not applicable			not applicable			not applicable		not applicable	not applicable	

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
60111	*		\$95	\$4000	not applicable				yes	Monitor - executive Assist - symbolic assembler

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
S	S	3		S/O	3/66	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

*A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
6070		\$169.5K	4-32K	8K 16K 24K 32K	\$ 470 1340 2210 3080	1.9	24	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	32	not applicable			not applicable		not applicable		not applicable	

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
	not applicable	not applicable		not applicable		60516	32	\$550	60517	24/66/90 KC	32	\$675

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ/PUNCH				
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	out
not applicable			60222	200	*	\$450			*		60045	500	*	\$360	\$110
			60251	200	*		100	*		\$645	60040	300	*	275	60
			60200	800	*		250	*		490 & IBM 1402					

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

*A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor

COMPUTER

ADVANCE 6070

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
	not applicable	not applicable		60304	400	*	\$735		not applicable		not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not applicable			not applicable			not applicable		not applicable		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
60111	*		\$ 95	\$8000	not applicable				yes	Monitor - executive Assist - symbolic assembler	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
O	S	3		S/O	5/66						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

*A maximum of 64 peripheral devices in any combination may be attached to any ADVANCE Series processor

FRIDEN

FRIDEN
SAN LEANDRO, CALIFORNIA

Computer Specs
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FRIDEN INC.

Friden 6010.....1, 2

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
6010	not applicable	\$19,750 sale incl. processor console 1-input 1-output (CD or tape)	240 words	not applicable	not applicable	1.3 millisecond.	128 (8 bits/char.)	16 decimal digits

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable	not applicable	not applicable			RAM 6018 (cntrl. plus disk)	122,800 char/disk removable sngl. disk unit	6 min. 180 avg. 360 max	20 to and from accum. 10 to flexo-writer	not applicable	\$7,500 sale

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable			not applicable			not applicable			not applicable			

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			6008 Hollerith	572 col/ min. 80 codes/ sec. eject & skip	2	\$2995 sale	6016 tape-col IBM 024, 026	20 char/ sec.		\$1210 sale	6014 selectdata (tape only) auto add. selection 6012 (tape only) 6013 (tape & edge card)		2	\$1975 sale 1325 sale 1275 sale

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

FRIDEN 6010

COMPUTER FRIDEN 6010

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
6015	20 codes/sec.	2	\$890 sale	6017 output slave	15.8 char./sec. serial print	2	\$3480 sale	N/A	N/A	N/A	N/A
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
2201 console to disk remote random access	20	\$4600 sale	N/A			N/A					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Flexowriter, Model 6011 - Basic I/O		Standard manual input typed document output Pched tape or cd. with 6011 optional		\$660 rent 19,750 sale (to calculate unit rentals apply .03%)	Not applicable		Not applicable				
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not available	Not available	Not available		Not available	63						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

GENERAL ELECTRIC

GENERAL ELECTRIC
P.O. BOX 2918
PHOENIX, ARIZONA 85002

GE

GE 225 (200 series).....	1, 2
GE 215 (200 series)	3, 4
GE Datanet 30	5, 6
GE 235 (200 series).....	7, 8
GE 415 (400 series).....	9, 10
GE 425 (400 series).....	11, 12
GE 625 (600 series).....	13, 14
GE 435 (400 series).....	15, 16
GE 635 (600 series).....	17, 18
GE 115	19, 20

SOFTWARE

(for general software, see Preface)

BANKPAC: series of generalized programs for commercial banking
GAP: general assembly program
GECOM: general compiler system (processes COBOL-type, ALGOL-type
statements, structured decision table; TABSOL, and a language for
Report Generator)
WIZ: algebraic compiler
GE 115 TAB: tabulating to 115 conversion
GE 100: a one for one assembler
I-D-S: integrated data store (mass storage devices; an extension of COBOL)

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price		capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
		rent	sale						
CA225B	MXX1	\$2,900	\$116,000	4K	Min Con	-	18	20 plus parity	3
CB225C	MXX1	3,500	140,000	8K	8K	\$1,400	18	20 plus parity	3
CC225A	MXX1	4,900	184,800	16K	Min Con	-	18	20 plus parity	3

INPUT/OUTPUT CHANNELS			DISK STORAGE							
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	MXX1	M225B	0XX1	\$ 940	DSF204	6.3	199	62,500	0XX4	\$1,725
8	MXX1	(single access)								
8	MXX1	M225BX	0XX1	1,525						

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
N/A						MTC680	0XX2	\$ 800	MTH680	15,000	0X16	\$ 850
						MTC690	0XX2	1,030	MTH690	15/42,000	0X16	1,300
						MTC225	0XX2	1,200	MTH301	15/42/60,000	0X16	615
												(single)

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Min. / Con.			D225B	400	MXX1	\$ 375	E225K	100	MXX1	\$ 400	GB651B	1000	0XX1	\$ 260
			D225F	400	MXX1	390	E225K1	100	MXX1	405	GB652B	1000	0XX1	355
			D225C	1,000	MXX1	810	E225K2	100	MXX1	410	GB651A	1000	0XX1	300
			D225D	1,000	MXX1	860	E225K3	100	MXX1	415	GB652A	1000	0XX1	395
							E225M	300	MXX1	825				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER GE 225

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
GA651B	110/1,000	0001	\$ 440	P225A	900	0001	\$ 1,275	SA225A	Controller	0001	\$ 540
GA652B	110/1,000	0001	535	P225C	900Fortran	0001	1,295	(single channel)			
GA651A	110/1,000	0001	490	P215E	450	0001	775	S12D	1,200	0001	1,850
GA652A	110/1,000	0001	585	P215C	450Fortran	0001	795	BFR225	(coc-5 read option)	0001	500
				PA690A	900Offline	0001	2,950				
				PA690B	900Offline	0001	3,500	SB225A	Controller	0001	680
				MSL690	1,900Lister	0004	1,700	(dual channel)			

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
			DTU760	0032	\$ 60	DTC901	0001	\$ 690	no	-
			DCU760	0002	350	DCP930	0002	1,250	standard	
			(controller for DTU760)			DCP931	0002	1,560	standard	
						DCP932	0002	2,080	standard	
						DTU760	0032	60	standard	
						DCU760	0002	350	standard	

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
Min. Con.	1	Standard	-	\$2,500	\$8,000	\$26,000	yes	yes	IV	GECOM, GAP, BANKPAC

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
optional	N/A	3	93	optional	4/61	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price		capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
		rent	sale						
CA215A	MXX1	\$2,200	\$ 88,000	4K	Min. Con.	\$1,400	36	20 plus parity	3
CB215A	MXX1	2,500	108,000	8K	8K		36	20 plus parity	3
CC215A	MXX1	3,900	156,000	16K	Min. Con.		36	20 plus parity	3

INPUT/OUTPUT CHANNELS			DISK STORAGE							
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millsecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
3	MXX1	Min. Con.	MXX1	-	M225 B + DSF 204	Controller 6.3	199	62,500	0XX4	\$ 940 1,725
3	MXX1	Min. Con.	MXX1	-						
3	MXX1	Min. Con.	MXX1	-						

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millsecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
N/A						MTC680	0XX2	\$ 800	MTH680	15,000	0X16	\$ 850 (dual)
						MTC690	0XX2	1,030	MTH690	15,000/42,000	0X16	1,300 (dual)
						MTC225	0XX2	1,200	MTH301	15,000/42/60,000	0X16	615 (single)

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Min. Con.	-	-	D225B	400	MXX1	\$ 375	E225K	100	MXX1	\$ 400	GB651B	1000	0XX1	\$ 260
			D225F	400	MXX1	390	E225K1	100	MXX1	405	GB652B	1000	0XX1	355
			D225C	1,000	MXX1	810	E255K2	100	MXX1	410	GB651A	1000	0XX1	300
			D225D	1,000	MXX1	860	E255K3	100	MXX1	415	GB652A	1000	0XX1	395
							E225M	300	MXX1	825				

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

GE 215 BANK TRANSIT SYSTEM

COMPUTER

GE 215

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
GA651B	110/1,000	0XX1	\$ 440	P225A	900	0001	\$ 1,275	SA225A	Controller	0001	\$ 540
GA652B	110/1,000	0XX1	535	P225C	900Fortran	0001	1,295	S12D	1,200	0001	1,850
GA651A	110/1,000	0XX1	490	P215E	450	0001	775	BFR225	(coc-5 read option)	0001	500
GA652A	110/1,000	0XX1	585	P215C	450Fortran	0001	795				
				PA690A	900Offline	0001	2,950				
				PA690B	900Offline	0001	3,500				
				MSL690	1,900Lister	0002	1,700				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
	not applicable		DTU760	0032	\$ 60	DTC901	0001	\$ 690	-	-
			DCU760	0002	350	DCP930	0001	1,250	standard	-
						DCP931	0001	1,560	standard	-
						DCP932	0001	2,080	standard	-
						DTU760	0032	60	standard	-
						DCU760	0002	350	standard	-

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
Min. Con	1	standard	-	\$2,500	\$6,000	\$10,000	yes	yes	IV	GECOM, GAP, BANKPAC

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
optional	N/A	3	93	optional	9/63	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minima. machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
DCP930	M001	\$1,250	\$ 70,000	4K	-	-	7	18	3
DCP931	M001	1,560	95,000	8K	-	-	7	18	3
DCP932	M001	2,080	130,000	16K	-	-	7	18	3

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
128	0001	M225B	0001	\$ 940	DSF204	6.3	199	62,500	0004	\$ 1,795
		M225BX	0001	1,525						
		DSC200	0001	1,535	DSU204	5.8	199	62,500	0004	1,795

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
N/A						MTC680	0002	\$ 800	MTH680	15/42 kc. (DUAL)	0016	\$ 850
						MTC690	0002	1,030	MTH690	15/42 kc. (dual)	0016	1,300
						MTC201	0002	940	MTH201	15/42 kc.	0016	505
						MTC221	0002	940	MTH200	7.5/21 kc.	0016	305
						MTC301	0002	940	MTH301	15/42/60 kc.	0016	615
						MTC321	0002	940	MTH300	7.5/21/30 kc.	0016	420
						MTC302	0001	1,435	MTH301	15/42/60 kc.	0008	615

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
BBU932	0010	\$ 58	CRF930	300	0001	405	CPF930	100	0001	420	N/A			
CWU930	0010	58	CRZ201	900	0001	680	CPZ100	100	0001	520				
CSU931	0001	315					CPZ201	300	0001	860				
CPC930	0004	260												

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

DATANET 30

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
N/A				P225A PRT201	900 1,200	0001 0001		N/A			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
			DTU760 DCU760	0032 0002	\$ 60 350	DTU760 DCU760	0032 0002	\$ 60 350	yes yes	N/A -	
			(controller for DTU760)			(controller for DTU760)					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
N/A				\$1,500	\$3,000	\$4,500				Special operating system	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	8	N/A	standard	10/63						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR				Internal Storage—if drum label capacity D xxx						
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word	
CA235	M001	\$2,880	\$115,200							
MM235A	M001			4K	Min/Con.	\$ 670	6	20 plus parity	3	
MM235B	X001			8K	Min/Con.	1,300	6	20 plus parity	3	
MM235C	X001			16K	Min/Con.	2,420	6	20 plus parity	3	

INPUT/OUTPUT CHANNELS			DISK STORAGE							
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
7	M001	M225B (single access)	0XX1	\$ 940	DSF204	6.3	199	62,500	0XX4	\$1,725
7	X001	M225BX (dual access)	0XX1	1,525						

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
N/A						MTC680	0XX2	\$ 800	MTH680	15,000	0016	\$ 850 (dual)
						MTC690	0XX2	1,030	MTH690	15/42,000	0016	1,300 (dual)
						MTC225	0XX2	1,200	MTH301	15/42/60,000	0016	615 (single)

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
C55235 (single access)	M001	\$1,000	CRC235	400	M001	\$ 375	CPA235	100	M001	\$ 400	GB651B	1,000	0XX1	\$260
CSD235	0XX1	2,280	CRF235	400	M001	390	CPD235	300	M001	825	GB652B	1,000	0XX1	355
			CRD235	1,000	M001	825					GB651A	1,000	0XX1	300
											GB652A	1,000	0XX1	395

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

GE 235 BANK TRANSIT SYSTEM

COMPUTER

235

PAPER TAPE PUNCH & READER				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
GA651B	110/1,000	0001	\$440	P225A	900	0001	\$1,275	SA225A	Controller	0001	\$ 540
GA652B	110/1,000	0001	535	P225C	900Fortran	0001	1,295	(single channel)			
GA651A	110/1,000	0001	490	P215E	450	0001	775	SB225A	Controller	0001	680
GA652A	110/1,000	0001	585	P215C	450Fortran	0001	795	(dual channel)			
				PA690A	900Offline	0001	2,950	S12D	1,200	0001	1,850
				PA690B	900Offline	0001	3,500	BFR225	(Coc-5 read option)	0001	500
				MSL690	1,900Lister	0004	1,700				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
DTU760	0032	\$ 60	DTU760	0032	\$ 60	DTC901	0001	\$ 690	-	-
DCU760	0002	350	DCU760	0002	350	DCP930	0002	1,250	standard	-
{controller for DTU760}			{controller for DTU760}			DCP931	0002	1,560	standard	-
						DCP932	0002	2,080	standard	-
						DTU760	0032	60	standard	-
						DCU760	0002	350	standard	-

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
Min. /Con.	1	standard	-	\$6,000	\$10,900	\$28,000	yes	yes	IV	GECOM, GAP, BANKPAC

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
optional	N/A	3	93	optional	4/64	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
CPU 415	M001	\$2,135	\$94,620	8K	-		5.8	24 plus parity	4
AMM 415	0001		55,400		8K	\$1,250	5.8	24 plus parity	4
AMM 416	0001		55,400		16K	1,250	5.8	24 plus parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
M008 0004	M001 M001	DSC 200	0001	\$1,535	DSU 204	5.8	199	62,500	0004	\$1,795
		DSC 250	0001	800	DSU 250	50	90	300,000	0004	5,520
		DSC 150	0001	730	DSU 150	1.95	70	281,000	0008	485
		(Removable Disc)								

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
MDU200	1,170	17	370,000	0002	\$3,435	MTC330	4	\$ 940	MTH200	7.5/21 kc. /	32	\$305
MDU300	1,500	8.5	370,000	0002	4,160	MTC334	2	1,435	MTH300	7.5/21/30 kc. /	32	420
MSU388	85,000	375	80,000	0008	3,855				MTH201	15/42 kc. /	32	505
(mass card storage)									MTH301	15/42/60 kc. /	32	615
									MTH211	30/83 kc. /	32	730
									MTH311	30/83/120 kc. /	32	815
									MTHL02	10/28 kc. //	32	305
									MTHL03	10/28/40 kc. //	32	420
									MTHL04	20/56 kc. //	32	505
									MTHL05	20/56/80 kc. //	32	615
									MTHL11	40/111 kc. //	32	730
									MTHL12	40/111/160 kc. //	32	815

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
min. con CE6010	M001 0004	- \$130	CRZ201	900	0002	\$680	CPZ100	100	0002	\$520	PTR200	500	0002	\$520
							CPZ201	300	0002	860				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

/ 7 track

// 9 track

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PTP200	150	0002	\$585	PRT201 MSL200	1,200 1,900	0002 0004	\$1,460 1,770	MRS200 BFR200	1,200 (coc-5 reader option)	0003	\$2,080 520
				(6 tape lister)							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
DTU760	0032	\$ 60	DTU760	0032	\$ 60	SLC401	0004	\$ 290	-	-	
DCU760	0002	350	DCU760	0002	350	SLC402	0004	315	-	-	
(controller for DTU760)			(controller for DTU 760)			SLC403	0004	390	-	-	
						DCP930	0002	1,250	standard	-	
						DCP931	0002	1,560	"	-	
						DCP932	0002	2,080	"	-	
						DTU760	0032	60	"	-	
						DCU760	0002	350	"	-	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
C06021	M001	standard	-	\$4,800	\$7,600	\$13,500	yes	yes	IV	I-D-S., BANKPAC, Direct access programming system (DAPS), 1401 simulator	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	6 ^s	-	standard	5/64						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

^s Any word of memory may also be used as an Index Register.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price		capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
		rent	sale						
CPU425	M001	\$3,120	\$138,500	8K	-	-	3.9	24 plus parity	4
AMM425	0001		55,400		8K				
AMM426	0001		64,600		16K				

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
M004	M001	DSC200	0001	\$1,535	DSU204	5.8	199	62,500	0004	\$1,795
0004	M001	DSC250	0001	800	DSU250	50	90	300,000	0004	5,250
		DSC150	0001	730	DSU150	1.95	70	281,000	0008	485
(Removable Disc)										

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
MDU200	1,170	17	370,000	0002	\$3,435	MTC330	4	\$940	MTH200	7.5/21 kc. /	3300	\$305
MDU300	1,500	8.5	370,000	0002	4,160	MTC334	2	1,435	MTH300	7.5/21/30 kc. /	3300	420
MSU388 (Mass card storage)	85,000	375	80,000	0008	3,855	MTC400	4	1,010	MTH201	15/42 kc. /	3300	505
						MTC404	2	1,545	MTH301	15/42/60 kc. /	3300	615
									MTH211	30/83 kc. /	3300	730
									MTH311	30/83/120 kc. /	3300	845
									MTHL02	10/28 kc. //	3300	305
						MTHL03	10/28/40 kc. //	3300	120			
						MTHL04	20/56 kc. //	3300	505			
						MTHL05	20/56/80 kc. //	3300	615			
						MTHL11	40/111 kc. //	3300	730			
						MTHL12	40/111/160 kc. //	3300	845			

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Min. Con. CE6010	M001 0004	- \$130	CRZ201	900	0002	\$680	CPZ100 CPZ201	100 300	0002 0002	\$520 860	PTR200	500	0002	\$520

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

/ 7 track
 // 9 track

COMPUTER GE 425

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PTP200	150	0002	\$585	PRT201 MSL200 (6 tape lister)	1,200 1,900	0002 0004	\$1,460 1,770	MRS200 BFR200 (Coc-5 reader option)	1,200	0003	\$2,080 520
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
DTU760 DCU760 (controller for DTU760)	0032 0002	\$ 60 350	DTU760 DCU760 (controller for DTU760)	0032 0002	\$ 60 350	SLC401 SLC402 SLC403 DCP930 DCP931 DCP932 DTU760 DCU760	0004 0004 0004 0002 0002 0002 0032 0002	\$ 290 315 390 1,250 1,560 2,080 60 350	standard " " "		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
C06021	M001	standard	-	\$6,000	\$9,600	\$20,000	yes	yes	IV	I-D-S, BANKPAC, Direct Access Programming System (DAPS), 1401 Simulator	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	standard	6 ^s	-	standard	6/64						

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

^sAny word of memory may also be used as an Index Register.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
CP8032	M001	\$10,000	\$480,000	-	-				
CP8032	0001	8,000	384,000	-	-				
MM8038	M001		280,800		32K	\$6,085	2	36 plus parity	6
MM8038	0003		280,800		32K	6,085	2	36 plus parity	6
AMM601	0004		185,800		32K	4,025	2	36 plus parity	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
M008 0056	M001 M001	DSC200	0004	\$1,535	DSU204	3.9	199	62,500	0004	\$1,795
		DSC250	0004	800	DSU250	34	90	300,000	0004	5,250
		DSC150	0016	730	DSU150	1.3	70	281,000	0008	485
				(Removable Disc)						

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
MDU200	750	17	370,000	0004	\$3,435	MTC330/	8	\$940	MTH200	7.5/21 kc. /	64	\$305
MDU300	1,000	8.5	370,000	0004	4,160	MTC334/	4	1,435	MTH300	7.5/21/30 kc. /	64	420
MSU388	56,000	375	80,000	0016	3,855	MTC400/	8	1,010	MTH201	15/42 kc. /	64	505
(Mass Card Storage)						MTC404/	4	1,545	MTH301	15/42/60 kc. /	64	615
						MTH211			MTH311	30/83/120 kc. /	64	730
						MTH402			MTH402	10/28 kc. //	64	305
						MTH403			MTH403	10/28/40 kc. //	64	420
						MTH404			MTH404	20/56 kc. //	64	505
						MTH405			MTH405	20/56/80 kc. //	64	615
						MTH411			MTH411	40/111 kc. //	64	730
						MTH412			MTH412	40/111/160 kc. //	64	845

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
DC8032	M001	\$5,620	CRZ201	900	0008	\$680	CPZ100	100	0008	\$520	PTR200	500	0004	\$520
DC8032	0003	5,620					CPZ201	300	0008	860				

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

/ 7 track
// 9 track



COMPUTER GE 625

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PTP200	150	0004	\$585	PRT201 MSL200	1,200 1,900	0008 0016	\$1,460 1,770	N/A			
				(6 tape lister)							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
DTU760	0032	\$ 60	DTU760	0032	\$ 60	DCP930	0002	\$ 1,250	standar d		
DCU760	0002	350	DCU760	0002	350	DCP931	0002	1,560	"		
(controller for DTU760)			(controller for DTU760)			DCP932	0002	2,080	"		
						DTU760	0032	60	"		
						DCU760	0002	350	"		
						(controller for DTU760)					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
C08030	0001	standard	\$ 400	\$31,000	\$50,000	\$135,000		yes	IV		
C08031	0003	optional	375								
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	M013 0039	- -	standard	4/65						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
CPU435 AMM436	M001 0001	\$7,280 -	\$280,800 73,440	16K	- 16K	- \$1,875	2.7 2.7	24 plus parity 24 plus parity	4 4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
M008 0004	M001 M001	DSC200	0001	\$ 1,535	DSU204	5.8	199	62,500	0004	\$1,795
		DSC250	0001	800	DSU250	50	90	300,000	0004	5,250
		DSC150	0001	730	DSU150	1.95	70	281,000	0008	485
		(Removable Disc)								

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
MDU200	1,170	17	370,000	0002	\$3,435	MTC330†	4	\$ 940	MTH200	7.5/21 kc. †	32	\$305
MDU300	1,500	8.5	370,000	0002	4,160	MTC334†	2	1,435	MTH300	7.5/21/30 kc. †	32	420
MSU388	85,000	375	80,000	0008	3,855	MTC400††	4	1,010	MTH201	15/42 kc. †	32	505
						MTC404††	2	1,545	MTH301	15/42/60 kc. †	32	615
									MTH211	30/83 kc. †	32	730
									MTH311	30/83/120 kc. †	32	845
									MTH402	10/28 kc. ††	32	305
									MTH403	10/28/40 kc. ††	32	420
									MTH404	20/56 kc. ††	32	505
									MTH405	20/56/80 kc. ††	32	615
									MTH411	40/111 kc. ††	32	730
									MTH412	40/111/160 kc. ††	32	845

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Min. Con. CE6010	M001 0004	- \$130	CRZ201	900	0002	\$680	CPZ100	100	0002	\$520	PTR200	500	0002	\$520
							CPZ201	300	0002	860				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

† 7 track

†† 9 track

COMPUTER

GE 435

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PTP200	150	0002	\$585	PRT201 MSL200 (6 tape lister)	1,200 1,900	0002 0004	\$1,460 1,770	MRS200 BFR200	1,200 (Coc-5 reader option)	0003	\$2,080 520
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
DTU760 DCU760 (controller for DTU760)	0032 0002	\$ 60 350	DTU760 DCU760 (controller for DTU760)	0032 0002	\$ 60 350	SLC401 SLC402 SLC403 DCP930 DCP931 DCP932 DTU760 DCU760	0004 0004 0004 0002 0002 0002 0032 0002	\$ 290 315 390 1,250 1,560 2,080 60 350	 standard " " "	 " "	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
C06021	M001	standard	-	\$8,000	\$14,000	\$25,000	yes	yes	IV	I-D-S, BANKPAC, Direct Access Programming System (DAPS), 1401 Simulator	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	6 ^S	-	standard	9/65						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

^S Any word of memory may also be used as an Index Register.

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
CP8032	M001	\$10,000	\$480,000	-					
CP8032	0001	8,000	384,000	-					
MM8030	M001		280,800	32K	32K	\$6,760	1	36 plus parity	6
MM8030	0003		280,800	32K	32K	6,760	1	36 plus parity	6
AMM600	0004		206,400	32K	32K	4,475	1	36 plus parity	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
M008	M001	DSC200	0004	\$1,535	DSU204	3.9	199	62,500	0004	\$1,795
M056	M001	DSC250	0004	800	DSU250	34	90	300,000	0004	5.250
		DSC150	0016	730		1.3	70	281,000	0008	485
		(Removeable Disc)								

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
MDU200	750	17	370,000	0004	\$3,435	MTC330/	0008	\$940	MTH200	7.5/21 kc. /	64	\$305
MDU300	1,000	8.5	370,000	0004	4,160	MTC334/	0004	1,435	MTH300	7.5/21/30 kc. /	64	420
MSU388	56,000	375	80,000	0016	3,855	MTC400//	0008	1,010	MTH201	15/42 kc. /	64	505
						MTC404//	0004	1,545	MTH301	15/42/60 kc. /	64	615
									MTH211	30/83 kc. /	64	730
									MTH311	30/83/120 kc. /	64	845
									MTH402	10/28 kc. //	64	305
									MTH403	10/28/40 kc. //	64	420
									MTH401	20/56 kc. //	64	505
									MTH405	20/56/80 kc. //	64	615
									MTH111	40/111 kc. //	64	730
									MTH112	40/11/160 kc. //	64	845

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
DC8032	M001	\$5,620	CRZ201	900	0008	\$680	CPZ100	100	0008	\$520	PTR200	500	0004	\$520
DC8032	0003	5,620					CPZ201	300	0008	860				

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

/ 7 track
// 9 track



COMPUTER

GE 635

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PTP200	150	0004	\$585	PRI201 MSL200	1,200 1,900	0008 0016	\$ 1,460 1,770	N/A			
				(6 tape lister)							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
DTU760 DCU760	0032 0002	\$ 60 350	DTU760 DCU760	0032 0002	\$ 60 350	DCP930 DCP931 DCP932 DTU760 DCU760	0002 0002 0002 0032 0002	\$1,250 1,560 2,080 60 350	standard " " " "	-	
(controller for DTU760)			(controller for DTU760)			(controller for DTU760)					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
C08030 C08031	0001 0003	standard optional	\$400 375	\$35,000	\$56,000	\$165,000		yes	IV		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	M013 0039	-	standard	5/65						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis..

PROCESSOR				Internal Storage—if drum label capacity D xxx					
model #	max. units per system	rent	price sale	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
115A04	MXX1	\$ 500	\$ 24,000	4K	Min. Con.	not applicable	6.5	8 plus parity	1
115A08	MXX1	700	33,600	8K			6.5		
115A12	MXX1	1,000	48,000	12K			6.5		
115A16	MXX1	1,250	60,000	16K			6.5		

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	1	(included in DSS120)	-	-	DSS120	1,179,645	445	95,040	OXX1	\$650
64	1				ADS120	1,179,645	445	95,040	OXX2	400

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Min. Con. MPA 115	M001 OX15	\$70	CRZ100	300	MXX1	\$125/mo.	CPZ101 CPZ103	60-200 300	MXX1 MXX1	\$300 575	PTR100	400	OXX1	\$110/mo.

1. Star with number indicates bytes, if byte machine.

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3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

GE 115

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
PTP100	100	0XX1	\$120/mo.	PRT100 PRT110	300 600	0XX1 0XX1	\$415/mo. 605	N/A			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
N/A	N/A	N/A	N/A	N/A	N/A	SLC100	0XX1	\$200	-	-	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
N/A	N/A	N/A	N/A	\$1,340	\$1,800	\$4,800	-	-	-	TAB, LIST/SUMMARIZE, Utility Programs, Math Routines	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	MX10	N/A	N/A	4/66						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

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HONEYWELL

H 800.....	1, 2
H 400.....	3, 4
H 1400.....	5, 6
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H 200 (200 series).....	9, 10
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SOFTWARE

ARGUS: Automatic Routine Generating and Updating System
EASY: Source language
EASY TAB: Group of software programs written in COBOL B to simulate functions of specific data processing equipment
LIBERATOR PROGRAMS (Honeywell 200 series) include EASYTRAN-SPS or Autocoder to EASYCODER conversion and BRIDGE-translates 1400 series machine language to Honeywell 200 series machine language
EASYCODER: Assembler

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
801	1	\$410,400 min.	4,096 to 65,536	varies	varies	6.0	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8 each	1	not applicable			not applicable		not applicable		not applicable	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		-	-	803-1	8	\$2,000	804-1	96,000 dd	64	\$900
						803-2	8	3,100	804-2	133,300 dd	64	900
						803-3	8	2,000	804-3	48,000 dd	64	450

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
808-3	8	\$1150	not applicable		not applicable		*827-1	800/250	1	\$560	809	1,000	8	\$690

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

H800

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
810	110	1	\$690	822-3 806-3 control	900	1	\$1,550 1,450	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable		not applicable		not applicable		not applicable			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE RENTAL		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
800	-	standard	-	\$19,000	\$22,000	\$35,000		yes	yes	ARGUS	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	64	-	standard	1960						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
401	1	\$178,875. min.	1,024 to 4,096	varies	varies	18.5	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
5 in. 4 out	1	not applicable			not applicable			not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable						not applicable			not applicable			
									404-1	96,000 dd	8	\$900
									404-2	133,000 dd	8	900
									404-3	48,000 dd	8	450

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			423-2	650	5	\$325	*427-1	250	4	\$560	409	1,000	5	\$540

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

COMPUTER

H400

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
410	110	1	\$540	422-3 422-4	900 900	1 1	\$1,550 1,050	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable		not applicable		not applicable		not applicable			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE RENTAL		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
400	-	standard	-	\$6,000	\$8,500	\$14,000		yes	yes	EASY	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	3	0	standard	1961						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/ bits	characters/ word
1401	1	\$330,750 min.	4,096 to 32,768	varies	varies	13	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
5 in, 4 out	1	not applicable			not applicable	not applicable		not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable	not applicable			not applicable		not applicable			404-1	96,000 dd	16	\$900
									404-2	133,000 dd	16	900
									404-3	48,000 dd	16	450

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
not applicable			423-2	650	5	\$325	*427-1	250	4	\$560	409	1,000	5	\$540

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

H1400

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
410	110	1	\$540	422-3 422-4	900 900	1 1	\$1,550 1,050	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable		not applicable		not applicable		not applicable		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1400		standard		\$10,000	\$14,000	\$22,000		yes	yes	EASY	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	N/A	3	0	standard	1963						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1801	1	\$770,400 min.	8,192 to 131,072	varies	varies	2.0	48	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8 each	1	not applicable			not applicable			not applicable		

DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
not applicable		not applicable			not applicable			803-1	8	\$2,000	804-1	96,000 dd	64	\$900
								803-2	8	3,100	804-2	133,300 dd	64	900
								803-3	8	2,000	804-3	48,000 dd	64	450

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
807-3	8	\$1100	827-1	800/250	8	\$560	not applicable				not applicable			

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

H1800

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
810	110	1	\$690	822-3 806-3 control	900	1	\$1,550 1,450	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable			not applicable		not applicable		not applicable		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE RENTAL		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1800	-	standard	-	\$27,000	\$35,000	\$60,000		yes	yes	ARGUS	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	64	-	standard	1963						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
201	1	\$36,340 *	4,096 to 65,536	varies	varies	2.0	6	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
16 each	1	DRUM STORAGE & CONTROL FOR ALL SERIES 200 SYSTEMS								
					270-1	2.6 mil ch	27.5	102,000	-	\$ 855
					270-2	5.2 mil ch	27.5	102,000	-	1,450
					270-3	7.8 mil ch	27.5	102,000	-	2,040
		MASS MEMORY FILE FOR ALL SERIES 200 SYSTEMS								
		250	-	\$530/mo.	251	15/cart. ch	95	100,000	8	720
					252	60/cart. ch	150	100,000	8	3,275
					253	60/cart. ch	225	100,000	8	4,225

DISK STORAGE							MAGNETIC TAPE							
Controller			unit #	module capacity millions words	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
unit #	max./system	price						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
DISK DRIVES & CONTROLS FOR ALL SERIES 200 SYSTEMS														
255	8	\$24,925	258	4.8M/UNIT	208,000	8	\$365 min	203A-1	8	\$255	204A-1	32,000	4/cont	\$450
257	8	24,925	259	9.6M/UNIT	208,000	8	500 min	203A-2	8	255	204A-2	64,000	4/cont	900
257A	8	24,925	259A	9.6M/UNIT	130,000	8	460 min	203A-3	8	370	204A-3	68,800	4/cont	800
			256	9.6M/UNIT	208,000	8	600 min	1/2" TAPE (9-CHANNEL) DRIVES AND CONTROLS FOR SERIES 200						
								203C-7	8	340	204C 13	28,800	2/cont	415

MAGNETIC TAPE							CARD READER				CARD PUNCH				PAPER TAPE READ			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit												
1/2" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS																		
203B-1	8	\$395	204B-1	7,200 & 20,000	8/cont	\$325	123	400	16	\$200	214-1	100-400	16	\$280				
203B-2	8	395	204B-2	7,200 & 20,000	8/cont	280	223	800	16	280	224-1	50-270	16	310				
203B-4	8	395	204B-3	16,000 & 44,400	8/cont	460	*214-2	400	8	325	224-2	90-360	16	425				
203B-5	8	280	204B-4	16,000 & 44,400	8/cont	415	227*	800	8	660	227*	250-800	8	660	209	600	15	\$255
203B-6	8	395	204B-5	36,000 & 66,700	8/cont	650					214-2*		8	325				
			204B-7	7,200-20,000-28,800	8/cont	370												
			204B-8	16,000-44,400-64,000	8/cont	555												
			204B-11	13,300	4/cont	255												
			204B-12	13,300	4/cont	210												
			204B-9	96,000	8/cont	740												

1. Star with number indicates bytes, if byte machine.

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3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

H200

PAPER TAPE PUNCH				PRINTER				VISUAL DISPLAY			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
210	110	16	\$210	222-1	650/1,300	16	\$ 740	312	-	N/A	\$356
				222-2	650/1,300	16	785				
				222-3	650/1,300	16	835				
				222-4	950/1,266	16	1180				
				222-5	450	16	600				
COMMUNICATIONS					COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
281	8	\$140-210	yes	yes	289-4	8	\$ 60	N/A	N/A		
286-1	8	195	yes	yes	289-5	8	85	N/A	N/A		
286-2	8	295	yes	yes	289-7	8	70	N/A	N/A		
286-3	8	370	yes	yes	289-8	8	230	N/A	N/A		
286-4	8	740	yes	yes							
286-5	8	1065	yes	yes							
288-1	8	140	yes	N/A							
289-2	8	65	yes	N/A							
289-2A	8	30	N/A	N/A							
289-3	8	165	N/A	N/A							
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
220-1	-	optional	\$ 185	-	-	yes	8K	yes	EASYCODER		
220-2	-	optional	280*	-	-		yes	-	ARGUS		
220-3	-	optional	280	-	-		16K	-	PERT EASY TAB		
				* Not available on new orders							
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	optional	0	15	standard	1964						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
121	1	\$32,900 *	2,048 to 32,768	varies	varies	3.0	6	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8 each	1	DRUM STORAGE & CONTROL FOR ALL SERIES 200 SYSTEMS								
					270-1	2.6 mil. ch.	27.5	102,000	-	\$ 855
					270-2	5.2 mil. ch.	27.5	102,000	-	1,450
					270-3	7.8 mil. ch.	27.5	102,000	-	2,040
		MASS MEMORY FILE FOR ALL SERIES 200 SYSTEMS								
					251	15/cart. ch.	95	100,000	8	\$ 720
					252	60/cart. ch.	150	100,000	8	3.275
					253	60/cart. ch.	225	100,000	8	4.225

DISK STORAGE						MAGNETIC TAPE								
Controller			unit #	module capacity millions words	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
unit #	max./system	price						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
DISK DRIVES AND CONTROLS FOR ALL SERIES 200 SYSTEMS						3/4" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS								
255	4	\$24,925	258	4.8M/UNIT	208,000	8	\$365 min	203A-1	4	\$255	204A-1	32,000	4/cont	\$450
257	4	24,925	259	9.6M/UNIT	208,000	8	500 min	203A-2	4	255	204A-2	64,000	4/cont	900
			259A	9.6M/UNIT	130,000	8	460 min	203A-3	4	370	204A-3	88,800	4/cont	900
257A	8	24,925	256	9.6M/UNIT	208,000	8	600 min	1/2" TAPE (9-CHANNEL) DRIVES AND CONTROLS FOR SERIES 200						
								203C-7	4	340	204C-13	28,800	2/cont	415

MAGNETIC TAPE						MAGNETIC TAPE				CARD READER				
Control			Tape unit			Tape unit				Tape unit				
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	unit #	cpm in	max. units/system	rental/unit
1/2" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS						204B-11				123				
203B-1	4	\$395	204B-1	7,200 & 20,000	8/cont	\$325	204B-12	13,300	4/cont	210	223	400	8	\$200
203B-2	4	395	204B-2	7,200 & 20,000	8/cont	280	204B-9	13,300	4/cont	210	223	800	8	280
203B-4	4	395	204B-3	16,000 & 44,400	8/cont	460		96,000	8/cont	740	*214-2	400	4	325
203B-5	4	280	204B-4	16,000 & 44,400	8/cont	415					227*	800	4	660
203B-6	4	395	204B-5	35,000 & 66,700	8/cont	650								
			204B-7	7,200-20,000-28,800	8/cont	370								
			204B-8	16,000-44,400-64,000	8/cont	555								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

H120

CARD PUNCH				PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER			
unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³
214-1	100-400	8	280	-	-	-	-	210	110	8	\$210	222-1	650/1,300	8	\$ 740
224-1	50-270	8	310	-	-	-	-					222-2	650/1,300	8	785
224-2	90-360	4	425	-	-	-	-					222-3	650/1,300	8	835
227	250-800	4	660	209	600	4	\$255					222-4	950/1,266	8	1180
214-2			325									222-5	450	8	600

COMMUNICATIONS					COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
281	4	\$140-210	yes	yes	289-2	4	\$ 65	yes	N/A
286-1	4	195	yes	yes	289-2A	4	30	N/A	N/A
286-2	4	295	yes	yes	289-3	4	165	N/A	N/A
286-3	4	370	yes	yes	289-4	4	60	N/A	N/A
286-4	4	740	yes	yes	289-5	4	85	N/A	N/A
286-5	4	1065	yes	yes	289-7	4	70	N/A	N/A
288-1	4	140	yes	N/A	289-8	4	230	N/A	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
220-1	-	optional	\$ 185	-	-	yes	8K	yes	EASYCODER	
220-2	-	optional	280*				yes		ARGUS	
220-3	-	optional	280				16K		PERT	
				* Not available on new orders						
				EASY TAB						

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
N/A	optional	0	15	standard	1965	VISUAL DISPLAY unit # max. units/ mo. rental system per unit ³ 312 N/A \$356

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1201	1	\$100,000*	16,384 to 131,072	varies	varies	1.5	6	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
16 each	1	DRUM STORAGE & CONTROL FOR ALL SERIES 200 SYSTEMS								
					270-1	2.6 mil ch	27.5	102,000	-	\$ 855
					270-2	5.2 mil ch	27.5	102,000	-	1,450
					270-3	7.8 mil ch	27.5	102,000	-	2,040
		MASS MEMORY FILE FOR ALL SERIES 200 SYSTEMS								
		250	-	\$530/mo	251	15/cart. ch	95	100,000	8	720
					252	60/cart. ch	150	100,000	8	3,275
					253	60/cart. ch	225	100,000	8	4,225

DISK STORAGE					MAGNETIC TAPE									
Controller			unit #	module capacity millions words	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
unit #	max./system	price						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
DISK DRIVES & CONTROLS FOR ALL SERIES 200 SYSTEMS					3/4" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS									
255	8	\$24,925	258	4.8M/UNIT	208,000	8	\$365 min	203A-1	8	\$255	204A-1	32,000	4'/cont	\$450
257	8	24,925	259	9.6M/UNIT	208,000	8	500 min	203A-2	8	255	204A-2	64,000	4'/cont	900
257A	8	24,925	259A	9.6M/UNIT	130,000	8	460 min	203A-3	8	370	204A-3	88,800	4'/cont	900
			256	9.6M/UNIT	208,000	8	600 min	1/2" TAPE (9-CHANNEL) DRIVES AND CONTROLS FOR SERIES 200						
								203C-7	8	340	204C-13	28,800	2'/cont	415

MAGNETIC TAPE						CARD READER			CARD PUNCH			PAPER TAPE READ						
Control			Tape unit			unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system													mon. rental/unit
1/2" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS						123	400	16	\$200	214-1	100-400	16	\$280					
203B-1	8	\$395	204B-1	7,200 & 20,000	8/cont	\$325	223	800	16	280	224-1	50-270	16	310				
203B-2	8	395	204B-2	7,200 & 20,000	8/cont	280	*214-2	400	8	325	224-2	90-360	16	425				
203B-4	8	395	204B-3	16,000 & 44,400	8/cont	460	227*	800	8	660	227	250-800	8	660	209	600	16	\$255
203B-5	8	280	204B-4	16,000 & 44,400	8/cont	415					214-2			325				
203B-6	8	395	204B-5	36,000 & 66,700	8/cont	650												
			204B-7	7,200-20,000-28,800	8/cont	370												
			204B-8	16,000-44,400-64,000	8/cont	555												
			204B-11	13,300	4/cont	255												
			204B-12	13,300	4/cont	210												
			204B-9	96,000	8/cont	740												

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

COMPUTER

H1200

PAPER TAPE PUNCH				PRINTER				VISUAL DISPLAY			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
210	110	16	\$210	222-1	650/1,300	16	\$ 740	312	-	N/A	\$356
				222-2	650/1,300	16	785				
				222-3	650/1,300	16	835				
				222-4	950/1,266	16	1180				
				222-5	450	16	600				

COMMUNICATIONS					COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
281	800	\$140-210	yes	yes	289-4	8	\$ 60	N/A	N/A
286-1	800	195	yes	yes	289-5	8	85	N/A	N/A
286-2	800	295	yes	yes	289-7	8	70	N/A	N/A
286-3	800	370	yes	yes	289-8	8	230	N/A	N/A
286-4	8	740	yes	yes					
286-5	8	1065	yes	yes					
288-1	8	140	yes	N/A					
289-2	8	65	yes	N/A					
289-2A	8	30	N/A	N/A					
289-3	8	165	N/A	N/A					

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
220-1	-	optional	\$ 185	-	-	yes	8K	yes	EASYCODER	
220-2	-	optional	280*	-	-		yes	-	ARGUS	
220-3	-	optional	280	-	-		16K	-	PERT EASY TAB	

* Not available on new orders

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
opt.	std.	15	15	standard	1965	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
2201	1	\$135,800*	16,384 to 262,144	varies	varies	1.0	6	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
32 each	1	DRUM STORAGE & CONTROL FOR ALL SERIES 200 SYSTEMS								
					270-1	2.6 mil ch	27.5	102,000	-	\$ 855
					270-2	5.2 mil ch	27.5	102,000	-	1,450
					270-3	7.8 mil ch	27.5	102,000	-	2,040
		MASS MEMORY FILE FOR ALL SERIES 200 SYSTEMS								
		250	-	\$530/mo	251	15/cart. ch	95	100,000	8	\$ 720
					252	60/cart. ch	150	100,000	8	3,275
					253	60/cart. ch	225	100,000	8	4,225

DISK STORAGE								MAGNETIC TAPE						
Controller			unit #	module capacity millions words	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
unit #	max./system	price						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
DISK DRIVES & CONTROLS FOR ALL SERIES 200 SYSTEMS								3/4" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS						
255	16	\$24,925	258	4.8M/UNIT	208,000	8	\$365 min	203A-1	16	\$255	204A-1	32,000		
257	16	24,925	259	9.6M/UNIT	208,000	8	500 min	203A-2	16	255	204A-2	64,000	4/cont	\$450
257A	8	24,925	259A	9.6M/UNIT	130,000	8	460 min	203A-3	16	370	204A-3	88,800	4/cont	900
			256	9.6M/UNIT	208,000	8	600 min						4/cont	900

MAGNETIC TAPE							CARD READER				CARD PUNCH				PAPER TAPE READ			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit												
1/2" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS																		
203B-1	16	\$395	204B-1	7,200 & 20,000	8/cont	\$325	123	400	32	\$200	214-1	100-400	32	\$280				
203B-2	16	395	204B-2	7,200 & 20,000	8/cont	280	223	800	32	280	224-1	50-270	32	310				
203B-4	16	395	204B-3	16,000 & 44,400	8/cont	460	214-2	400	16	325	224-2	90-360	16	425				
203B-5	16	280	204B-4	16,000 & 44,400	8/cont	415												
203B-6	16	395	204B-5	36,000 & 66,700	8/cont	650	227	800	16	660	227	250-800	16	660	209	600	32	\$255
			204B-7	7,200-20,000-28,800	8/cont	370												
			204B-8	16,000-44,400-64,000	8/cont	555					214-2			325	-	-	-	-
			204B-11	13,300	4/cont	255												
			204B-12	13,300	4/cont	210												
			204B-9	96,000	8/cont	740												

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

H2200

PAPER TAPE PUNCH				PRINTER				VISUAL DISPLAY			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
210	110	32	\$210	222-1	650/1,300	32	\$ 740	312	-	N/A	\$356
				222-2	650/1,300	32	785				
				222-3	650/1,300	32	835				
				222-4	950/1,266	32	1180				
				222-5	450	32	600				
COMMUNICATIONS					COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
281	16	\$140-210	yes	yes	289-3	16	\$165	N/A	N/A		
286-1	16	195	yes	yes	289-4	16	60	N/A	N/A		
286-2	16	295	yes	yes	289-5	16	85	N/A	N/A		
286-3	16	370	yes	yes	289-7	16	70	N/A	N/A		
286-4	16	740	yes	yes	289-8	16	230	N/A	N/A		
286-5	16	1065	yes	yes							
288-1	16	140	yes	N/A							
289-2	16	65	yes	N/A							
289-2A	16	30	N/A	N/A							
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
220-1	-	optional	\$ 185	-	-	-	yes	8K	yes	EASYCODER	
220-2	-	optional	280*	-	-	-		yes	-	ARGUS	
220-3	-	optional	280	-	-	-		16K	-	PERT EASY TAB	
			*not avail. on new orders								
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
opt.	std.	15	15	standard	1965						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
4201	1	\$427,500 *	32,768 to 524,288	varies	varies	0.75	6 or 36	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
64 each	1	DRUM STORAGE & CONTROL FOR ALL SERIES 200 SYSTEMS								
					270-1	2.6 mil ch	27.5	102,000	-	\$ 855
					270-2	5.2 mil ch	27.5	102,000	-	1,450
					270-3	7.8 mil ch	27.5	102,000	-	2,040
		MASS MEMORY FILE FOR ALL SERIES 200 SYSTEMS								
				250	-	\$530/mo.	251	15/cart. ch	95	100,000
					252	60/cart. ch	150	100,000	8	3,275
					253	60/cart. ch	225	100,000	8	4,225

DISK STORAGE							MAGNETIC TAPE							
Controller			unit #	module capacity millions words	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control		Tape unit				
unit #	max./system	price						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
DISK DRIVES & CONTROLS FOR ALL SERIES 200 SYSTEMS							3/4" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS							
255	32	\$24,925	258	4.8M/UNIT	208,000	8	\$365 min	203A-1	32	\$255	204A-1	32,000	4/cont	\$450
257	32	24,925	259	9.6M/UNIT	208,000	8	500 min	203A-2	32	255	204A-2	64,000	4/cont	900
257A	8	24,925	259A	9.6M/UNIT	130,000	8	460 min	203A-3	32	370	204A-3	88,800	4/cont	900
			256	9.6M/UNIT	208,000	8	600 min	1/2" TAPE (9-CHANNEL) DRIVES AND CONTROLS FOR SERIES 200						
								203C-7	16	340	204C-13	28,800	2/cont	415

MAGNETIC TAPE							CARD READER			CARD PUNCH				PAPER TAPE READ				
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit												
1/2" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS							3/4" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS											
203B-1	32	\$395	204B-1	7,200 & 20,000	8/cont	\$325	123	400	64	\$200	214-1	100-400	64	\$280	-	-	-	-
203B-2	32	395	204B-2	7,200 & 20,000	8/cont	280	223	800	64	280	224-1	50-270	64	310	-	-	-	-
203B-4	32	395	204B-3	16,000 & 44,400	8/cont	460	*214-2	400	64	325	224-2	90-360	64	425	-	-	-	-
203B-5	32	280	204B-4	16,000 & 44,400	8/cont	415	227*	800	32	660	*214-2	250-800	32	660	209	600	64	\$255
203B-6	32	395	204B-5	36,000 & 66,700	8/cont	650												
			204B-6	7,200-20,000-28,800	8/cont	370												
			204B-7	16,000-44,400-64,000	8/cont	555												
			204B-8	13,300	4/cont	255												
			204B-9	13,300	4/cont	210												
			204B-10	96,000	8/cont	740												

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.



COMPUTER

H4200

PAPER TAPE PUNCH				PRINTER				VISUAL DISPLAY			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
210	110	64	\$210	222-1	650/1,300	64	\$740	312	-	N/A	\$356
				222-2	650/1,300	64	785				
				222-3	650/1,300	64	835				
				222-4	950/1,266	64	1180				
				222-5	450	64	600				
COMMUNICATIONS					COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
281	32	\$140-210	yes	yes	289-4	32	\$60	N/A	N/A		
286-1	32	195	yes	yes	289-5	32	85	N/A	N/A		
286-2	32	295	yes	yes	289-7	32	70	N/A	N/A		
286-3	32	370	yes	yes	289-8	32	230	N/A	N/A		
286-4	32	740	yes	yes							
286-5	32	1065	yes	yes							
288-1	32	140	yes	N/A							
289-2	32	65	yes	N/A							
289-2A	32	30	N/A	N/A							
289-3	32	165	N/A	N/A							
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
220-1	-	optional	\$185	-	-	yes	8K	yes	EASYCODER		
220-2		opt.	280*	-	-		yes	-	ARGUS		
220-3		opt.	280	-	-		16K	-	PERT EASY TAB		
			* not avail. on new orders.								
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	15	15	standard	1967						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
8201	1	\$1,149,120	262,144 to 1,048,576	varies	varies	0.75	6 or 72	8

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millids	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
64 each	1	DRUM STORAGE & CONTROL FOR ALL SERIES 200 SYSTEMS								
					270-1	2.6 mil ch	27.5	102,000	-	\$ 855
					270-2	5.2 mil ch	27.5	102,000	-	1,450
					270-3	7.8 mil ch	27.5	102,000	-	2,040
		MASS MEMORY FILE FOR ALL SERIES 200 SYSTEMS								
				250	-	\$530/mo	251	15/cart. ch	.95	100,000
					252	60/cart. ch	150	100,000	8	3,275
					253	60/cart. ch	225	100,000	8	4,225

DISK STORAGE								MAGNETIC TAPE						
Controller			unit #	module capacity millions words	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
unit #	max./system	price						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
DISK DRIVES & CONTROLS FOR ALL SERIES 200 SYSTEMS								3/4" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS						
255	32	\$24,925	258	4.8M/UNIT	208,000	8	\$365 min	203A-1	32	\$255	204A-1	32,000	4/cont	\$450
257	32	24,925	259	9.6M/UNIT	208,000	8	500 min	203A-2	32	255	204A-2	64,000	4/cont	900
257A	8	24,925	259A	9.6M/UNIT	130,000	8	460 min	203A-3	32	370	204A-3	88,800	4/cont	900
			256	9.6M/UNIT	208,000	8	600 min	1/2" TAPE (9-CHANNEL) DRIVES AND CONTROLS FOR SERIES 200						
								203C-7	32	340	204C-13	28,800	2/cont	415

MAGNETIC TAPE							CARD READER				CARD PUNCH				PAPER TAPE READ			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit												
1/2" TAPE DRIVES FOR ALL SERIES 200 SYSTEMS																		
203B-1	32	\$395	204B-1	7,200 & 20,000	8/cont	\$325	123	400	64	\$200	214-1	100-400	64	\$280	-	-	-	-
203B-2	32	395	204B-2	7,200 & 20,000	8/cont	280	223	800	64	280	224-1	50-270	64	310	-	-	-	-
203B-4	32	395	204B-3	16,000 & 44,400	8/cont	460	*214-2	400	32	325	224-2	90-360	64	425	-	-	-	-
203B-5	32	280	204B-4	16,000 & 44,400	8/cont	415	227*	800	32	660	227*	250-800	32	660	209	600	64	\$255
203B-6	32	395	204B-5	36,000 & 66,700	8/cont	650					*214-2		32	325	-	-	-	-
			204B-7	7,200-20,000-28,800	8/cont	370												
			204B-8	16,000-44,400-64,000	8/cont	555												
			204B-11	13,300	4/cont	255												
			204B-12	13,300	4/cont	210												
			204B-9	96,000	8/cont	740												

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

COMPUTER

H8200

PAPER TAPE PUNCH				PRINTER				VISUAL DISPLAY			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
210	110	64	\$210	222-1	650/1,300	64	\$ 740	312	-	N/A	\$356
				222-2	650/1,300	64	785				
				222-3	650/1,300	64	835				
				222-4	950/1,266	64	1180				
				222-5	450	64	600				

COMMUNICATIONS					COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
281	32	\$140-210	yes	yes	289-4	32	\$ 60	N/A	N/A
286-1	32	195	yes	yes	289-5	32	85	N/A	N/A
286-2	32	295	yes	yes	289-7	32	70	N/A	N/A
286-3	32	370	yes	yes	289-8	32	230	N/A	N/A
286-4	32	740	yes	yes					
286-5	32	1065	yes	yes					
288-1	32	140	yes	N/A					
289-2	32	65	yes	N/A					
289-2A	32	30	N/A	N/A					
289-3	32	165	N/A	N/A					

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
220-1	-	optional	\$185	-	-	-	yes	8K	yes	EASYCODER ARGUS PERT EASY TAB
220-2	-	optional	280*					-	-	
220-3	-	optional	280					-	-	

* not avail on new orders

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
optional	standard	283	15	standard	1967	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

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650 RAMAC (historic).....	1, 2
305 RAMAC (historic)	3, 4
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7090.....	7, 8
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System 360 Model 44 (360 series).....	57, 58
System 360 Model 67 (360 series).....	59, 60

SOFTWARE

(for general software, see Preface)

Autocoder:an assembler
Autochart: computer method for automated block diagramming
Executive: monitor routine
FARGO: 1401 automatic report generator operation
RPG: Report program generator
SOAP: Symbolic Optimum Assembly Program
Supervisor: monitor routine

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
650	1	\$2,400 or \$3,250	D2 or 4	2K	Included in processor	2,400	51 including parity	10 digits or 5 character

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Not applicable	Not applicable	14 Models	Ø 1	\$975 to \$2475	355	0.6 or 1.2	600	20,000	Ø 4	\$975 or \$1,500

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	8 models	Ø 1	\$1,050 to \$2,425	727	15,000	Ø 6	\$550

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable	Not applicable	Not applicable	533	200	Ø 3a	\$550	533	100	Ø 3a	Included in reader	Not applicable	Not applicable	Not applicable	Not applicable
			543	250	Ø 3a	\$325	544	250	Ø 3a	\$475				
			537	155	Ø 3a	\$700	537	155	Ø 3a	Included in reader				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

650 RAMAC

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	407	150	Ø 3a	\$1,000 or \$1,035	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
838	Ø 10	\$175	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	Not applicable	Not available	Not applicable	\$4,050	\$6,500	Not applicable	Not applicable	Not applicable	II	SOAP	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Not available	0	3	Not available	1957						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
305-1	2	\$1,250	D2.4 plus control panel D2.4 plus control panel	Not applicable	Included in processor	30,000 per program step	6 plus parity	1
305-2	2	\$ 590						

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Not applicable	Not applicable	Included	in	processor	350	5	600	20,000	M 4	\$525 to \$650

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecs.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable	Not applicable	Not applicable	380-1	125	M 1	\$400	323-1	100	M 1	\$225	Not applicable	Not applicable	Not applicable	Not applicable
			380-2	80		\$300	323-2	50		\$110				

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

305 RAMAC

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	370	30 to 80	M 1	\$350	Not applicable	Not applicable	Not applicable	Not applicable
				407	150	Ø 1	\$1,000 or \$1,035				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
380	M 1	Included in reader \$75	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
381	Ø 4										
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
380	M 1	Standard	Included with card reader	\$1,850	\$3,200	Not applicable	Not applicable	Not applicable	Not applicable		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not available	Not available	0	0	Not available	3/58	Two 305 systems can share up to 20 million characters of direct access storage.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
7601	1	\$3,000	5 or 9.99	5,000; 9,990	\$3,500 \$6,800	6	53 parity implicit	10 digits or 5 characters

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	10	7605	∅ 1	\$3,900	7300	0.6 or 1.2	600	22,500	∅ 4	\$975 or \$1,500
		7631	∅ 2	\$835 to \$1,035	1301	5.6 or 11.2	165	90,000 //140,000	∅ 5	\$2,100 or \$3,500

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	7604	∅ 2	\$1,850	729II	15/41.7	<i>∅</i>	40	\$700
						3 models		to	729IV	22 5/62 5	<i>∅</i>	40	\$900
								\$3,300	729V	15/41 7/60	<i>∅</i>	20	\$750
									729VI	22.5/62.5/90	<i>∅</i>	20	\$950

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
7603 9 models	∅ 1	\$1,000 to \$2,300	7500	500	∅ 3	\$400	7550	250	<i>∅</i> 3	\$550	1011	500	∅ 2	\$500
			Note: Card input/output normally supplied by a peripheral 1401											
			7501 Console card reader	60	∅ 1	\$ 75								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

/ Maximum of three output units in any combination of card punches and printers.

// Packed Numeric Digits

COMPUTER IBM 7070

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	7400	150	0/3	\$950	Not applicable	Not applicable	Not applicable	Not applicable
				Note: Printer output normally supplied by a peripheral 1401							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
7900	0 10	\$250	Not applicable	Not applicable	Not applicable	1009	0 2	\$500	Not applicable	Not applicable	
1014	0 40	\$200				7740	0 1	See 7740 system			
			7750	0 1	See 7750 system						
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
7150	1	Standard	\$300	\$12,350	\$24,000	Not applicable	Not applicable	yes	II	Operating System RPG Autocoder Autochart	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Not available	99	0	Standard	6/60	A wide variety of terminal devices can be attached via communications units. Processor can address variable length fields within words. Program compatible with 7072 and 7074. Programs can be run on System/360 Models 50 or 65 using compatibility features.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to \$, where system is for sale only.
 ** Purchase price, if not available on rental basis.

/ Maximum of three output units in any combination of punches and printers

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
7108/9	1	\$19,275	32K	32K	\$17,500	2.18	36	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	10	7631	2	835 to 1035	1301	or 4.66 9.32	165	90,000	0 5	\$2,100 or
					2302	19.5 or 39			184,000	0 5

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	212.0	8.6	203,000	0 10	\$2,300	7607	0 8	\$3,275 to \$4,360	729II	15/41.7	0 80 in any comb	\$700
						7640	0 1	\$3,400	729IV	22.5/62.5		\$900
									729V	15/41.7/60		\$750
									729VI	22.5/62.5/90		\$950
									7340	170	0 20	\$1,300

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
7607	M 1	\$2500 or included in tape control unit	711	250	M 1	\$800	721	100	0 1	\$600	1011	500	0 8	\$500

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	716	150	M 1	\$800	Not applicable	Not applicable	Not applicable	Not applicable

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
1014 Tele-graph	Ø 160 Ø -	\$200 -	Not applicable	Not applicable	Not applicable	1009 7740 7750	Ø 8 Ø 1 Ø 1	\$500 See 7740 See 7750	x x x	Not applicable

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
716		Printer serves this function		\$52,800	\$63,000	Not applicable	Not applicable	x	II, IV	IBSYS Operating System Commercial Translator. Direct Couple Operating System

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Standard	Standard	3	0	Standard	6/60	1050 and 1060 systems and a wide variety of terminal devices can be attached via communications units. May be directly coupled to a 7040 system. May be field modified to a 7094 or 7094II.

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
1401 A - G 56 Models	1	\$840 to \$2,755	1. 4K to 16K	1. 4K; 2K; 4K; 8K; 12K; 16K. All sizes not available on all models	First 4K included in processor. Additional storage \$75 / \$500 per 4K	11.5	7 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Not applicable	Not applicable	-	1	\$985 includes first 1311	1311	2.0 or 2.98/	250 or 150/	77,000	∅ 5	\$385 first
		Feature	1	355	1405	10 or 20	600	22,500	∅ 1	\$360 others \$965 or \$1,515

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Included in CPU			729II	15/41.7	∅ 6	\$700
						Included in CPU			729IV	22.5/62.5	∅ 6	\$900
						Included in CPU			729V	15/41.7/60	∅ 6	\$750
						Included in CPU			7330	7.2/20	∅ 6	\$450
						7641	∅ 1	\$2,500	7340-2	34	∅ 4	\$1,050

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in CPU			1402-1	800	∅ 1	\$550	1402-1	250	∅ 1	Included in reader	1011	500	∅ 1	\$500
			1402-1	250	∅ 1									
			1402-4	450	∅ 1	\$400	1402-4	250	∅ 1	Included in reader				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

/ With special feature.

COMPUTER

IBM 1401

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1012	150	Ø 1	\$465	1403-1	600	Ø 1	\$725				
				1403-2	600	Ø 1	\$775	1231	16.7	Ø 1	\$430
				1403-4	465	Ø 1	\$550	1285	Variable	Ø 1	\$2,000
				1403-5	465	Ø 1	\$600	1412	950	Ø 1	\$2,000
				1403-6	340	Ø 1	\$400	1418	Variable	Ø 1	\$2,900
				1404	800	Ø 1	\$1,550	1419	1,600	Ø 1	\$2,275
				1445	doc-min 190/525	Ø 1	\$1,235	1428	Variable	Ø 1	\$3,300
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1051	Ø 1	\$ 75	Not applicable	Not applicable	Not applicable	1026	Ø 4	\$270	yes	yes	
						7740	Ø 1	\$3400 to \$4,900	yes	yes	
1407	Ø 1	\$165				7710	Ø 1	\$1,575			
For remote inquiry see 7740						1009	Ø 1	\$500			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1407	Ø 1	Optional	\$165	\$1,750	\$6,500	Not applicable	X	II IV	RPG FARGO SPS AUTOCODER		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Subroutine	No	0	3	Not available	9/60	Not all I/O devices are available on all processor models 1030, 1050, and 1060 systems and a wide variety of terminal devices can be attached via communications units. Can be connected to a 1460, 1440 or second 1401 program compatible with 1460.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. Ø XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1620-1	1	\$1,375	20K	20K	\$750 or \$1,200	20 per 2 digits	5 plus parity	1 digit or 0.5 characters
1620-2	1	\$1,200	20K	20K	\$650 or \$550	10 per 2 digits	5 plus parity	1 digit or 0.5 characters

INPUT/OUTPUT CHANNELS		DISK STORAGE									
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	
		unit #	max./system	price							
Not applicable	Not applicable	Adapter	∅	1	\$135	1311	2.0	250	77,000	∅ 4	First \$650 Others \$360

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable	Not applicable	Not applicable	1622-1	250	M/1	\$615	1622-1	125	∅ 1	Included with reader	1621-2	150	M 1	\$215
			1622-2	500	M/1	\$765	1622-2	250	∅ 1	Included with reader	1621-1	150	∅ 1	\$190

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

∅ Either card or paper tape I-O is required.

COMPUTER

IBM 1620

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1621-2	15	See Reader	Included with reader	1443-1 1443-2	150 240	Ø 1 Ø 1	\$325 \$450	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Not applicable	Not applicable	Not applicable	1627-1 1627-2 plotter	Ø 1 Ø 1	\$4,700 \$8,150	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	M1	Standard	Not applicable	\$1,600	\$2,900	Not applicable	Not applicable	Not applicable	II GOTRAN	SPS Monitor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Optional Model 1 Standard Model 2	0 0	0 Model 1 14 Model 2	Optional	10/60	May be field modified to a 1620II. Programs can be run on a System/360 Model 30 using compatibility feature.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
7102	1	\$14,500	80K or 160K	80K	\$10,000 or \$17,500	2.0	6 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
10	10	7631	2	\$835 to 1035	1301	28 or 56 117 or 234	165	90,000 /140,000 184,000 /286,000 90,000	Ø 5 per system Ø 5 per system	\$2,100 or \$3,500 \$5,600 or \$7,900 \$2,100 or \$3,500
					2302		165			
					1301	or 4.66 9.32	165			

DRUM STORAGE					MAGNETIC TAPE												
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit								
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit					
734	60	8	25,000	Ø 10	(a)	7621	Ø 2	\$3,300 or \$3,470	729II	15/41.7	Ø 40 in any comb.	\$700 \$900 \$750 \$950					
									729IV	22.5/62.5							
									729V	15/41.7/60							
									729VI	22.5/62.5/90							
									7640	Ø 1			\$3,400	7340	170/340/KD	Ø 20	\$1,300
									7621	Ø 1			\$1,500	727	15	Ø 10	(a)

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
7622	Ø 1	\$1,500	714	250	Ø 10	(a)	722	100	Ø 10	(a)	1011	500	Ø 6	\$500
			7502	60	Ø 1	\$275								

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. Ø XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

/Packed Numeric Digit Transfer Rates



COMPUTER

IBM 7080

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	717 720	150 500	∅ 10 ∅ 10	(a) (a)	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014 Telegraph	∅ 120 ∅	\$200	Not applicable	Not applicable	Not applicable	1009 7740 7750	∅ 6 ∅ 1 ∅ 1	\$500 See 7740 System See 7750 System	x x x	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
7153	1	Standard	\$1,500	\$41,376	\$55,000	Not applicable	Not applicable	x	II	Supervisor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Subroutine	Standard	0	0	Standard	9/61	1050 and 1060 systems and a wide variety of terminal devices can be attached via communications units					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
7104	1	\$7,300 to \$7,800 depending on no. of channels	5 to 30	5K	\$4,700 per 5K \$8,000 per 10K	4	53 parity implicit	10 digits or 5 characters

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
6	10	7605	∅ 1	\$3,900	7300	0.6 or 1.2	600	22,500	∅ 4	\$975 or \$1,500
		7631	∅ 2	\$835 to \$1,035	1301	5.6 or 11.2	165	90,000	∅ 5	\$2,100 or \$3,500
			2302			23.4 or 46.8	165	184,000 1,286,000	∅ 5	\$5,600 or \$7,900

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	7604	∅ 2	\$1,850 to \$3,300	729II	15/41.7	∅ 4	40	\$700
						3 models			729IV	22.5/62.5	∅ 4	40	\$900
									729V	15/41.7/60	∅ 4	20	\$750
									729VI	22.5/62.5/90	∅ 4	20	\$950
						7640	∅ 1	\$3,400	7340	170KC 340KD	∅	20	\$1,300

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
7603 9 models	∅ 1	\$1,000 to \$2,300	7500	500	∅ 3	\$400	7550	250	∅ 3	\$550	1011	500	∅ 4	\$500
			Note: Card input/output normally supplied by a peripheral											
			7501 Console card reader	60	∅ 1	\$75								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

∅ Maximum of three output units in any combination of card punches and printers.

∅∅ Packed Numeric Digits

COMPUTER

IBM 7074

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	7400	150	0/ 3	\$950	Not applicable	Not applicable	Not applicable	Not applicable
				Note: Printer output normally supplied by a peripheral 1401							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
7900	0 10	\$250	Not applicable	Not applicable	Not applicable	1009	0 4	\$500			
1014	0 80	\$200				7740	0 1	See 7740 system	yes	Not applicable	
						7750	0 1	See 7740 system	yes		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
7150	1	Standard	\$300	\$17,650	\$30,000	Not applicable	Not applicable	yes	II	Operating System RPG Autocoder Autochart	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Not available	99	0	Standard	12/61	A wide variety of terminal devices can be attached via communications units. Processor can address variable length fields within words. Program compatible with 7070 and 7072. Programs can be run on System/360 Models 50 and 65 using compatibility features.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

/ Maximum of three output units in any combination of punches and printer.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1411 1-A5 10 Models	1	\$3,800 to \$8,260	10K to 80K	10K; 20K; 40K; 60K; 80K	Included in processor	4.5 4.0 ¹	7 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
2	10	Feature 3326 7631	∅ 2 ∅ 2	\$400 \$835	1405 1301	10 or 20 28 or 56	600 165	22,500 90,000	∅ 5 5 units per sys- tem	\$965 or \$1,515 \$2,100 or \$3,500 \$5,600 or \$7,900 first \$985 others \$360
		Included in first 1311			2302 1311	117 or 234 2.98	165 150	184,000 77,000	∅ 5	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	7641	∅ 2	\$2,500	7340-2	34	∅ 8	\$1,050
						1414-2	∅ 2	\$500	7330	7.2-20	∅ 20	\$450
						1414-1	∅ 2	\$925	729II	15/41.7	20 in any comb.	\$700
						for 729 II, IV, V			729IV	22.5-62.5		\$900
						1414-7	∅ 2	\$1,125	729V	15/41.7/60		\$750
						For 729II, IV, V, VI			729VI	22.5/62.5/90		\$950

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1414 3, 4, 8 Included in 1442	∅ 2	\$600 to \$775	1402 1442	800 400	∅ 2 ∅ 2	\$615 \$250	1402	250	∅ 2	Included with reader	1011	500	∅ 2	\$500

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

¹ With special feature

COMPUTER

IBM 1410

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403-1	600	Ø 2	\$725	1412	950	Ø 2	\$2,000
				1403-2	600	Ø 2	\$775				
				1403-3	1100	Ø 2	\$900				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014	Ø 40	\$200	1015	Ø 120	\$275 or \$240	1414-4	Ø 2	\$775	yes	yes	
						1414-5	Ø 2	\$700			
						7740	Ø 1	See 7740 system			
						7750	Ø 1	See 7750 system			
						1440-1448	Ø 1	See 1440 system			
						1009	Ø 2	\$500			
CONSOLE TYPEWRITER			MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE					
unit #	max./system	standard, optional, not avail.		rental/unit ³	average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1415	M1	Standard	\$250	\$4,425	\$13,500	Not applicable	Not applicable	yes	II	Operating System RPG	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
RPQ	Not available	15	0	Optional	12/61	1030, 1050, 1060 systems and a wide variety of terminal devices can be attached via communications units. Can be connected to a 1440/1448. May be field modified to a 7010. Programs can be run on a System/360 model 40 or 50 using compatibility features.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1620-1	1	\$1,385	20K	20K	\$750 or \$1,200	20 per	5 plus parity	1 digit or 0.5 characters
1620-2		\$1,252	20K	20K	\$650 or \$550	2 digits 10 per 2 digits	5 plus parity	1 digit or 0.5 characters

INPUT/OUTPUT CHANNELS		DISK STORAGE									
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	
		unit #	max./system	price							
Not applicable	Not applicable	Adapter	0	1	\$135	1311	2.0	250	77,000	0 4	First \$650 Others \$360

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable		Not applicable		Not applicable		Not applicable		Not applicable		Not applicable		Not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable	Not applicable	Not applicable	1622-1	250	M/1	\$615	1622-1	125	0 1	Included with 1621-2 reader	1621-2	150	M 1	\$215
			1622-2	500	M/1	\$765	1622-2	250	0 1	Included with 1621-1 reader	1621-1	150	0 1	\$190

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

† Either card or paper tape I-O is required.

COMPUTER

IBM 1710

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1621-2	15	See Reader	Included with reader	1443-1 1443-2	150 240	∅ 1 ∅ 1	\$325 \$450	Not applicable		Not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1713 1717	∅ 20	\$60 \$50	1627-1 1627-2 plotter	∅ 1 ∅ 1	\$4,700 \$8,150	Includes a wide variety of multiplexors, converters and attachments for process control instrumentation.					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	M 1	Standard	Not applicable	\$2,385 plus process control instrumentation	application dependent	Not applicable			II	Executive, Executive II, Supervisor Analog IOCS	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Optional Model 1 Standard Model 1	0	0 Model 1 14 Model 2	Optional	2/62	Specialized process control system. May be field modified to a Model II processor Program compatible with 1620.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
7109/10	1	\$25,125	32K	32K	\$17,500	2.0	36	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millsecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	10	7631	2	835 to 1035	1301 2302	or 4.66 9.32 or 19.5 39	165 165	90,000 184,000	∅ 5 per system	\$2,100 or \$3,500 \$5,600 or \$7,900

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/milliseeds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	212.0	8.6	203,000	∅ 10	\$2,300	7607	∅ 8	\$3,275 to \$4,360	729II 729IV 729V 729VI 7340	15/41.7 22.5/62.5 15/41.7/60 22.5/62.5/90 170	∅ 80 in any comb	\$700 \$900 \$750 \$950 \$1300
						7640	∅ 1	\$3,400			∅ 20	

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
7607	M 1	\$2500 or included in tape control unit	711	250	M 1	\$800	721	100	∅ 1	\$600	1011	500	∅ 8	\$500

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

IBM 7094 Model I

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	716	150	M 1	\$800	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014 Tele-graph	Ø 160 Ø -	\$200 -	Not applicable	Not applicable	Not applicable	1009 7740 7750	Ø 8 Ø 1 Ø 1	\$500 See 7740 See 7750	x x x	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
716	Printer serves this function			\$58,800	\$70,000	Not applicable	Not applicable	x	II, IV	IBSYS Operating System Commercial Translator Direct Couple Operating System	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Standard	Standard	7	0	Standard	9/62	1050 and 1060 systems and a wide variety of terminal devices can be attached via communications units. May be directly coupled to a 7040 or 7044 system. May be field modified to a 7094II. 1050 and 1060 systems and a wide variety of terminal devices can be attached via communications units. May be directly coupled to a 7040 or 7044.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
7106	1	\$7,500 to \$11,000	4 to 32	4K; 8K; 16K; 32K	Included in processor	8	36 plus parity	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
5	10	7631	∅ 2	\$835 to \$1035	1301 2302	4.66 or 9.32 19.5 or 39	165 165	90,000 184,000	∅ ¹ 5	\$2,100 or \$3,500 or \$5,600 or \$7,900

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	212	8.6	203 000	∅ ¹ 5	\$2,300	1414	∅ 5	\$500 to \$1,100	7330 729II 729IV 729V 729VI	7 2/20 15/41.7 22.5/62.5 15/41.7/60 22.5/62.5/90	∅ 50 can be intermixed	\$450 \$700 \$900 \$750 \$950

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1414	∅ 3	\$600 to \$775	1402	800	∅ 3	\$615	1402	250	∅ 3	Included in reader	1011	500	∅ 7	\$500
			1622	250	∅ 1	\$615	1622	125	∅ 1	Included in reader				

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

¹Also, maximum of 5 disks and drums in any combination per system

COMPUTER IBM 7040

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403 1403	600 1,100	Ø 3	\$725 or \$775 \$900	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014	Ø 140	\$200	Not applicable	Not applicable	Not applicable	1009 7740 7750	Ø 7 Ø 1 Ø 1	\$500 See 7740 system See 7750 system	yes	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	1	Standard	Included in processor	\$9,595	\$14,000	Not applicable	Not applicable	Not applicable	IV	Operating System QUIKTRAN RPG	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional Single or Double Precision	Standard	0	3	Standard	4/63	Can be directly coupled to a 1401, 7090, 7094 or 7094II. A wide variety of terminal devices can be attached via communication units. Program compatible with the 7044. Programs can be run on System/360 Model 65 using compatibility feature.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
1441 A2-A6 5 Models	1	\$770 to \$1,945	2K to 16K	2K; 4K; 8K; 12K; 16K	Included in processor	11.1	7 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Not applicable	Not applicable	Features 3832, 3321	Ø 1	\$300	1301	25.43 or 50.86	165	77,000	Ø 5 arrays per system Ø 5	\$2,000 or \$3,475 first \$385 others \$360
		Features 3321	Ø 1	\$250	1311	2.0 or 2.98 ⁴	250 or 150 ⁴	77,000		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Feat. 7802	Ø 1	\$115	7335	20KC	Ø 2	\$700 for 1 \$1,100 for 2

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable	Not applicable	Not applicable	1442-1	300	M2	\$280	1442-1	50 to 180	Ø 2	Included in reader Included with reader \$375	1011	500	Ø 1	\$500
			1442-2	400	M2	\$395	1442-2	91 to 270	Ø 2					
			1442-4	400	M2	\$200	1444-1	250	Ø 2					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

⁴ With special feature

COMPUTER

IBM 1440

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1012	150	Ø 1	\$465	1403-2	600	Ø 1	\$775	1231	16.7	Ø 1	\$430
				1403-3	1100	Ø 1	\$900	1412	950	Ø 1	\$2,000
				1403-5	465	Ø 1	\$600	1285	Variable	Ø 1	\$2,000
				1403-6	340	Ø 1	\$400				
				1443-1	150	Ø 1	\$325				
				1443-2	240	Ø 1	\$450				
				1445	190	Ø 1	\$1235				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1447	Ø 2	\$210	Not applicable	Not applicable	Not applicable	7740	Ø 1	See 7740 system	yes	yes	
1051	Ø 1	\$140				1448	Ø 1	\$1,150	yes	yes	
						1026	Ø 4	\$ 270	yes		
						1009	Ø 1	\$ 500			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1447	M1	Standard	\$80	\$1,240	\$3,000	Not applicable	Not applicable	yes	IV	Autocoder RPG Process Control Monitor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Subroutine	Not available	0	3	Optional	4/63	1030, 1050, 1060 and 1070 systems and a wide variety of terminal devices can be attached via communications units. Can be connected to a 1401, 1460, 1440, 1410 or 7010. Program can be run on a S-360 Model 30 using compatibility feature.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
7107	1	\$17,500 to \$20,500	8 to 32	8K; 16K; 32K	Included in processor	2	36 plus parity	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
5	10	7631	∅ 2	\$835 to \$1035	1301 2302	4.66 or 9.32 19.5 or 39	165 165	90,000 184,000	∅ [†] 5	\$2,100 or \$3,500 \$5,600 or \$7,900

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	212	8.6	203,000	∅ [†] 5	\$2,300	1414	∅ 5	\$500 to \$1,100	7330 729II 729IV 729V 729VI	7.2/20 15/41.7 22.5/62.5 15/41.7/60 22.5/62.5/90	∅ 50 can be intermixed	\$450 \$700 \$900 \$750 \$950

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1414	∅ 3	\$600 to \$775	1402	800	∅ 3	\$615	1402	250	∅ 3	Included in reader	1011	500	∅ 7	\$500
			1622	250	∅ 1	\$615	1622	125	∅ 1	Included in reader				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

[†]Also, maximum of 5 disks and drums in any combination per system

COMPUTER

IBM 7044

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403 1403	600 1,100	Ø 3	\$725 or \$775 \$900	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014	Ø 140	\$200	Not applicable	Not applicable	Not applicable	1009 7740 7750	Ø 7 Ø 1 Ø 1	\$500 See 7740 system See 7750 system	yes	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	1	Standard	Included in processor	\$19,595	\$26,000	Not applicable	Not applicable	yes	IV	Operating System Q UIKTRAN RPG	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional Single or Double Precision	Standard	0	3	Standard	7/63	Can be directly coupled to a 1401, 7094 or 7094II. A wide variety of terminal devices can be attached via communication lines. Program compatible with the 7040. Programs can be run on System/360 Model 65 using compatibility feature.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
7114 1-A4 8 Models	1	\$10,800 to \$14,070	40K to 100K	20K	Included in processor	2.4 per 2 characters	7 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE									
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/§ec	max. units/controller ²	monthly rental per module ³	
		unit #	max./system	price							
4	10	7631	Ø	2	\$835	1301	28 or 56	165	90,000	5 units per system Ø 5	\$2,100 or \$3,500 \$5,600 or \$7,900 First \$985 \$360
		Included in first			1311	1311	2.98	150	77,000		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/§ec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./§ec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	7641	Ø 4	\$2,500	7340-2	34	Ø 16	\$1,050
						1414-2		\$ 500	7330	7.2-20	Ø 40	\$450
						1414-1		\$ 925	729II	15/41.7	40 in any comb.	\$700
						for 729II, IV, V			729IV	22.5-62.5		\$900
						1414-7	Ø 2	\$1,125	729V	15/41.7/60		\$750
						For 729II, IV, V, VI			729VI	22.5/62.5/90		\$950

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1414 3, 4, 8 Included in 1442	Ø 4	\$600 to \$775	1402	800	Ø 4	\$615	1402	250	Ø 2	Included with reader	1011	500	Ø 4	\$500
			1442	400	Ø 4	\$250								

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. Ø XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

IBM 7010

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403-1 1403-2 1403-3	600 600 1100	Ø 4	\$725 \$775 \$900	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014	Ø 80	\$200	1015	Ø 240	\$275 or \$240	1414-4 1414-5 7740 7750 1440-48 1009	Ø 2 Ø 4 Ø 1 Ø 1 Ø 1 Ø 4	\$775 \$700 See 7740 system See 7750 system See 1440 system \$500	yes yes yes yes yes yes	yes yes yes yes yes yes	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1415	M1	Standard	\$250	\$11,425	\$18,500	Not applicable	Not applicable	yes	II	Operating System RPG	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Not available	15	0	Standard	10/63	1030, 1050, 1060 systems and a wide variety of terminal devices can be attached via communications units. Can be connected to a 1440/1448. Programs can be run on a System/360 Model 40 or 50 using compatibility feature.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
1441 B4-B6 3 Models	1	\$2,130 or \$3,230	8K to 16K	4K	Included in processor	6	7 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Not applicable	Not applicable	Features 3832, 3321	∅ 1	\$300	1301	25.43 or 50.86	165	77,000	∅ 5 arrays per system ∅ 5	\$2,000 or \$3,475 first \$385 others \$360
		Features 3321	∅ 1	\$250	1311	2.0 or 2.98 ⁴	250 or 150 ⁴	77,000		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	1461-2	∅ 1	\$1,980	729II	15/41.7	6 in any comb.	7700
									729IV	22.5/62.5		\$900
									729V	15/41.7/60		\$750
									729VI	22.5/62.5/90		\$950
									7330	7.2/20		\$450
			7641	∅ 1	\$2,500	7340-2	34	∅ 4	\$1,050			

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1461 1, 2, 3	∅ 1	\$880 to 1,430	1402	800	∅ 1	\$560	1402	250	∅ 1	Included with reader	1011	500	∅ 1	\$500

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

⁴ With special feature

COMPUTER

IBM 1460

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1012	150	Ø 1	\$465	1403-2 1403-3 1445	600 1100 190	Ø 3 in any comb. Ø 1	\$775 \$900 \$1,235	Not applicable		Not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1447	Ø 2	\$210	Not applicable	Not applicable	Not applicable	7740	Ø 1	See 7740 system	yes	yes	
1051	Ø 1	\$140				1448	Ø 1	\$1,150	1026	Ø 4	\$ 270
						1009	Ø 1	\$ 500	yes		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1447	M1	Standard	\$80	\$3,860	\$8,100	Not applicable	Not applicable	yes	II IV	RPG FARGO SPS Autocoder Process control monitor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Subroutine	Not available	0	3	Optional	10/63	1030, 1050, 1060 and 1070 systems and a wide variety of terminal devices can be attached via communications units. Can be connected to a 1401, 1440 or second 1460. Programs can be run on a System/360 Model 30 or 40 using compatibility feature.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
7109/11	1	\$28,975	32K	32K	\$19,000	1.4 (a)	36	6

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	10	7631	2	835 to 1035	1301 2302	or 4.66 9.32 or 19.5 39	165 165	90,000 184,000	∅ 5 per system	\$2,100 or \$3,500 \$5,600 or \$7,900

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	212.0	8.6	203,000	∅ 10	\$2,300	7607	∅ 8	\$3,275 to \$4,360	729II 729IV 729V 729VI 7340	15/41.7 22.5/62.5 15/41.7/60 22.5/62.5/90 170	∅ 80 in any comb	\$700 \$900 \$750 \$950 \$1300
						7640	∅ 1	\$3,400			∅ 20	

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./ sec. in	max. units/system ²	rental/unit ³
7607	M 1	\$2500 or included in tape control unit	711	250	M 1	\$800	721	100	∅ 1	\$600	1011	500	∅ 8	\$500

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

IBM 7094 Model II

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	716	150	M 1	\$800	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1014 Tele-graph	∅ 160 ∅ -	\$200 -	Not applicable	Not applicable	Not applicable	1009 7740 7750	∅ 8 ∅ 1 ∅ 1	\$500 See 7740 See 7750	x x x	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
716	Printer serves this function			\$64,800	\$76,000	Not applicable	Not applicable	x	II, IV	IBSYS Operating System Commercial Translator. Direct Couple Operating System.	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Standard	Standard	7	0	Standard	4/64	May be directly coupled to a 7040 or 7044 system. May be field modified to a 7094II. 1050 and 1060 systems and a wide variety of terminal devices can be attached via communications units. May be directly coupled to a 7040 or 7044.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word						
Can be attached to 1050, 1060, 1070, 1240, 1401, 1460, 1410, 7010, 7040, 7044, 7070, 7074, 7080, 7090, 7094, 7094II, or System/360 Models 30, 40, 50, 65 or 75 directly or via communications lines.			Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable						
INPUT/OUTPUT CHANNELS			DISK STORAGE											
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable				
DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1051	Not applicable	\$50 to \$75	1056	15 cps	Not applicable	\$60 or \$70	1057 1058	15 cps 15 cps	- -	\$75 \$95	1054	15	-	\$30

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

IBM 1050

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1055	15	Not applicable	\$40	1052	15 cps	Not applicable	\$65	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	2Q64	1092/1093 programmed matrix keyboards can be attached to a 1050 system.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
1241	1	\$2,510 to \$3,160	8 to 16	4K	Included in processor	11.1	7 plus parity	1

INPUT/OUTPUT CHANNELS		DISK STORAGE										
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³		
		unit #	max./system	price								
Not applicable	Not applicable	Feature	∅	1	\$250	1311	2.0 or 2.98 ^f	250 or 150 ^f	77,000	∅	5	First \$385 Others \$360
						1301-11	25.43	165	77,000	∅	2	\$2,000
						1301-12	50.86	165	77,000	∅	2	\$3,475

DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Feature	∅	1	\$115	7335	20,000	∅	2	\$700(1) \$1,100(2)

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ				
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	
Included in devices	Not applicable	Not applicable	1442-1	300	M	2	\$280	1442-1	50 to 180	∅	2	Included in reader	Not applicable	Not applicable	Not applicable
			1442-2	400	M	2	\$395	1442-2	91 to 270	∅	2	Included in reader			
			1442-4	400	M	2	\$200	1444	250	∅	1	\$375			

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

^f With special feature

COMPUTER IBM 1240

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER				
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³	
Not applicable	Not applicable	Not applicable	Not applicable	1443-1 1443-2 1445 (MICR)	150 240 190 to 525	Mff Mff Mff	1 1 1	\$325 \$450	Included in processor	1,200	M 1	Included in processor
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
1447 1050	∅ ∅	1 1	\$170 \$165 (1447 req'd)	Not applicable	Not applicable	1026 1448	∅ ∅	4 1	\$270 \$1,150	Not applicable	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE					
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER		
1447	∅	1	Optional	\$210	\$2,960	4,700	Not applicable	Not applicable	yes	IV	Autocoder RPG Process Control Monitor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES						
		Standard Number	Optional Number									
Subroutine	Not available	0	3	Optional	1964	Specialized small banking system. 1062 teller terminals can be attached via communications lines. 1030, 1050 and teletype may also be attached. Program compatible with 1440.						

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

ff One 1443 1445 or 1447 printer required

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
7741	1	\$3,900 or \$4,900	8 or 16	8K	Included in processor	10	32 plus parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE									
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	
		unit #	max./system	price							
Up to 84 lines. Number depends on data rate of attached devices	Up to 84 lines. Number depends on data rate of attached devices	3309 Adapter	077	1	\$160	1311	2.0 or 2.987	150	77,000	0 5	First \$985 Others \$360

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1051	M 1	Included in console	1056	15 cps	M 1	Included in console	1057	15	0 1	\$75	1054	15	0 1	\$30
							1058	15 cps	0 1	\$95				

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

/ With special feature

// Required for stand-alone operation

COMPUTER IBM 7740

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1055	15	∅ 1	\$40	1052	15 cps	M 1	Included in console	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1052	M 1	Included in console	Not applicable	Not applicable	Not applicable			Depends on data rate of attached devices	yes	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1050	M 1	Standard	\$213	\$5,258 plus line adapters stand-alone \$4,113 plus line adapters computer coupled	application dependent	Not applicable	Not applicable	Not applicable	Not applicable	Communications control package assembly	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not available	Not available	0	0	Standard	9/64	Specialized message switching system. Used extensively as communication control for 1401, 1410, 1440 1460 or 7000 series systems.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits ¹	characters/ word
2040 5 models	infinite	\$2,700 to \$10,200	16K to 262K	16K; 32K; 66K; 131K; 262K	Included in processor	2.5 per two bytes	8*	1 character or 2 digits

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
1 Multiplexor 2 Selector	256	2841	24	\$525	2302-3	112.4	165	156,000	∅ up to eight access ∅ mechanisms in ∅ any combination ∅	\$5,600 \$7,900 \$575 \$2,800
	256				2314	8	\$5,250	-		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	830	8.6	136,000	∅ 192	\$2,300	Included in tape unit			2415	15,000KB	∅ 144	\$750 to \$1,650
						Included in tape unit			2415	15KB/30KB		\$910 to \$2,010
						13 models varying in speed, no. chan- nels and whether one tape unit is included			2400 Series	30KB/60KB 90KB/120KB	Intermixing permissible	\$310 to \$835
						2802	24	\$2,100	7340	180KB 170KB	∅ 192 ∅ 192	\$1,350

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
Included in devices			1442-N1	400	M/24	\$525	1442-N1	91 to 270	Included in reader		2671	1000	∅ 24	\$140
			2520-B1	500		\$875	2520-B1	500	Included in reader					
			2501-B1	600		\$260	2520-B2	500	∅ 24	\$775				
			2501-B2	1000		\$320	2520-B3	300		\$600				
2821	∅ 24	\$970	2540	1000		\$660	1442-N2	91 to 270		\$375				
							2540	300	Included in reader					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

IBM 360 Model 40

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER					
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³		
Not applicable	Not applicable	Not applicable	Not applicable	1443N1	240		\$875	1419	1,000	0	1	\$2,275	
				1403	600		\$650-\$775	1418	Variable	0	1	\$2,600 to \$3,075	
				1403	1,100	M	72						
				1404	800			1428	Variable	0	1	\$3,000-3,475	
				Bill feed printer	doc/min		\$1,550	1285	Variable	0	8	\$2,000	
								1231	16.7	0	1	\$505	
								Mark reader					
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS							
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response			
1050	0 256	128	2250	0 - 192	\$350	2701	0 24	\$ 200	x				
2740	0 128	80	2260	0 - 576	\$ 30	2702		\$ 850	x				
						2703	0 8	\$1,450	x				
						7770		\$1,200	x	x			
						7772		\$ 625	x	x			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE						
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER			
1050	8**	Optional	\$290	\$3,250	\$14,000	Not applicable	X	IV	Basic Operating System Operating System/360 Multi-programming. Multitasking Data Management Telecommunications RPG PL/1				
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES							
		Standard Number	Optional Number										
Optional	Not available	16	0	Standard	5/65	Same attachment capabilities as System/360 Model 30. 1401/1460 and 1410/7010 programs can be run on the 360 Model 40 using compatibility features.							

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

** Other input/output units such as displays readers, punches and printers can be used to provide additional console functions.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size ¹ bits	characters/word
2030 4 models	infinite	\$1,275 to \$3,875	8K to 65K	8K; 11K; 32K; 65K	Included in processor	1.5	8*	1 character or 2 digits

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
1 Multiplexor 2 Selector	224	2841	24	\$525	2302-3	112.4	165	156,000	0 up to eight access mechanisms in any combination	\$5,600 \$7,900 \$575 \$2,800
	256	2314	8	\$5,250	2302-4	224.8	165	156,000		
					2311	7.25	75	156,000		
					2321	418.4	0.1 to 600	55,000		
					-	207	75	312,000	0 1 in any combination	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
7320	830	8.6	136,000	0 192	\$2,300	Included in tape unit			2415	15,000KB	0 144	\$750 to
						Included in tape unit			2415	15KB/30KB	intermixed permissible	\$910 to
						13 models, varying in speed, no. channels and whether one tape unit is included			2400 Series	30KB/60KB 90KB/120KB		\$2,010
						2802			24	180KB	0 192	\$310 to
									7340	170KB	0 192	\$835
												\$1,350

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in devices			1442-N1	400	M/24	\$525	1442-N1	91 to 270	Included in reader		2671	1000	0 24	\$140
			2520-B1	500		\$875	2520-B1	500	Included in reader					
			2501-B1	600		\$260	2520-B2	500	0 24	\$775				
			2501-B2	1000		\$320	2520-B3	300		\$600				
2821	0 24	\$970	2540	1000		\$660	1442-N2	91 to 270		\$375				
							2540	300	Included in reader					

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

COMPUTER

IBM 360 Model 30

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER				
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³	
Not applicable	Not applicable	Not applicable	Not applicable	1443N1	240	24	\$875	1412	950	0	1	\$2,000
				1445N1 (MICR)	190 to 525		\$1,425	1419	1,000	0	2	\$2,275
				1403	600	72	\$650-\$775	1418	Variable	0	1	\$2,600 to \$3,075
				1403	1100		\$900	1428	Variable	0	1	\$3,000 to \$3,475
				1404	800		\$1,550	1285	Variable	0	8	\$2,000
				Bill feed printer	doc/min.			1231	16.7	0	1	\$505
INQUIRY				VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
1050	0 - 448	128	2250	0 - 192	\$350	2701	0 24	\$ 200	x			
2740	0 - 224	80	2260	0 - 576	\$ 30	2702		\$ 850	x			
						2703	0 8	\$1,450	x			
						7770		\$1,200	x	x		
						7772		\$ 625	x	x		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE					
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER		
1052	//	Optional	\$225	\$1,760	Not applicable	Not applicable	X	IV	Basic Operating System			
1053	1	Optional (requires 1052)	\$ 50	\$7,500	Not applicable	Not applicable			Operating System/360 Multiprogramming, Multitasking Data Management, Telecommunications, RPG, PL/1			
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES						
		Standard Number	Optional Number									
Optional	Not available	16	0	Standard	5/65	May be attached to other System/360 systems either directly or via communications units. May be directly attached to one or more 1800 systems. May be attached to 1030, 1050, 1060 or 1070 systems and a wide variety of terminal devices via communications units. 1620, 1401, 1440 or 1460 programs may be run on the 360 Model 30 using compatibility features						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

// Other input/output units such as displays, readers, punches and printers can be used to provide additional console functions.

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits ¹	characters/word						
2050 4 Models	Infinite	\$8,350 to \$19,950	65K to 524K additional 1,048 to 8,388K	65K; 131K; 262K; 524K 1,048K; 2,098K; 4,194K; 8,388K	Included in processor \$6,500 to \$44,000	2.0 per four bytes 8.0 per four bytes can be shared with another 2050, 2065 or 2075	8* 8*	1 character or 2 digits						
INPUT/OUTPUT CHANNELS		DISK STORAGE												
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
1 Multiplexor 3 Selector 1 high speed channel	256 256 256	2841 2314	40 40	\$525 \$5,250	2302-3 2302-4 2311 2321 -	112.4 224.8 7.25 418.8 207	165 165 75 0.1 to 600 75	156,000 156,000 156,000 55,000 312,000	0 up to eight access mechanisms 0 1	\$5,600 7,900 575 2,800 Included in control				
DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control		Tape unit						
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
7320 2301	830 4,090	8.6 8.6	136,000 1,200,000	0 40 0 4	\$2,300 \$2,000	Included in tape unit		2415	15,000KB	0 144	\$750 to \$1,650			
						Included in tape unit		2415	15KB/30KB		\$2,010 to \$3,100			
						13 models, varying in speed, no. channels and whether one tape unit is incld.		2400 Series	30KB/60KB 90KB/120KB	intermixing permissible	\$835 to \$1,350			
						2802 40		\$2,100	320	340KB	0 192	\$1,350		
I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in devices			1442-N1	400		\$525	1442-N1	91 to 270		Included in reader	2671	1000	0 24	\$140
			2520-B1	600		\$875	2520-B1	500		Included in reader				
			2501-B1	600	M/24	\$260	2520-B2	500	0 24	\$775				
			2501-B2	1000		\$320	2520-B3	300		\$600				
							1442-N2	91 to 270		\$375				
2821	0 24	\$970	2540	1000		\$660	2540	300		Included in reader				

- Star with number indicates bytes, if byte machine.
 - M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 - Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

IBM 360 Model 50

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER							
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³				
Not applicable	Not applicable	Not applicable	Not applicable	1443N1	240	24	\$875	1419	1,000	0 2	\$2,275				
				1403	600			1418	Variable	0 1	\$2,600 to				
				1403	1,100	M	\$900	1428	Variable	0 1	\$3,000-3,475				
				1404	800							1285	Variable	0 8	\$2,000
				Bill feed printer	doc/min							1231	16.7	0 1	\$505
								Mark reader							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS									
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response					
1050	0 256	128	2250	0 - 320	\$350	2701	0 39	\$ 200	yes						
2740	0 128	80	2260	0 - 960	\$ 30	2702		\$ 850	yes						
						2703	0 8	\$1,450	yes						
						7770		\$1,200	yes	yes					
						7772		\$ 625	yes	yes					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE								
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER					
1050	8//	Optional	\$290	\$8,900	\$32,000	Not applicable	Not applicable	X	IV	Basic Operating System Operating System/360 Multiprogramming, Multitasking Data Management, Telecommunications, RPG, PL/1					
2250	40//	Optional	\$745												
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES									
		Standard Number	Optional Number												
Standard	Not available	16	0	Standard	9/65	Same attachment capabilities as System/360 Model 30 storage may be shared with another Model 50. 1410/7010 or 7070/7074 programs can be run on the 360 Model 50 using compability features.									

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

//Other input/output units such as displays, readers, punches and printers can be used to provide additional console functions.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1131	1	\$580 or \$780	4K or 8K	4K; 8K	Included in processor	3.6	16 plus parity	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Not applicable	Not applicable	Included in processor			2315	0.512	70	90,000	0 1	\$200

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			1442-6	300		\$265	1442-6	50 to 180	0 1	Included in reader	1134	60	0 1	\$35 or \$60
			1442-7	400	0 1	\$380	1442-7	91 to 270		Included in reader				

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

IBM 1130

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1055	14.8	M 1	40	1132	80/110	Ø 1	\$260	Not applicable		Not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Not applicable	Not applicable	Not applicable	1627	Ø 1	S \$4700 S \$8,150	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	1	Standard	Included in processor	\$695	\$1,250	Not applicable	Not applicable	IV	Monitor		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Subroutine	Standard	3	0	Standard	9/65	Instruction formats are identical with IBM 1800.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size ¹ bits	characters/word						
2075 3 Models	Infinite	\$31,750 to \$60,300	262K to 1,048K	262K; 524K; 1,048K	Included in processor	.75 for	8* plus parity	1 character or 2 digits						
			additional 1,048K to 8,388K	1,048K; 2,097K; 4,194K; 8,388K	\$6,500 to \$44,000	eight bytes 2 way or 4 way interleaving standard	8* plus parity	1 character or 2 digits						
						8.0 per eight bytes interleaving optional								
INPUT/OUTPUT CHANNELS			DISK STORAGE											
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
6 selector and 1 multiplexor and 4 multiplexor sub-channels	256	2841	80	\$525	2302-3	112.4	165	156,000	Ø up to eight access mechanisms in any combination Ø 1 in any combination	\$5,600				
	192				2302-4	224.8	165	156,000						
	16	2314	80	\$5,250	2311	7.25	75	156,000						
					2321	418.4	0.1 to 600	55,000						
					-	207	75	312,000		\$2,800				
										Included in ctl.				
DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
7320	830	8.6	136,000	Ø 384	\$2,300	Included in tape unit			2415	15,000KB	Ø 448	\$750 to \$1,650		
						Included in tape unit			2415	15KB/30KB		\$910 to \$2,010		
						13 models, varying in speed, no. channels and whether one tape unit is incld. Series			2400	30KB/60KB 90KB/120KB		\$310 to \$835		
									180KB					
2301	4,090	8.6	1,200,000	Ø 32	\$2,000	2802	80	\$2,100	7340	340KB		\$1,350		
I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in devices			1442-N1	400	M/88	\$525	1442-N1	91 to 270	Ø 24	\$775	Not available			
			2520-B1	500		\$875	2520-B1	500			Included in reader			
			2501-B1	600		\$260	2520-B2	500			Included in reader			
			2501-B2	1000		\$320	2520-B3	300			\$600			
2821	Ø 24	\$970	2540	1000		\$660	1442-N2	91 to 270		\$375	Included in reader			
							2540	300						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. Ø XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

^ Either card, tape or 2311 disk input required

COMPUTER

IBM 360 Model 75

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1443N1 1403 1403	240 600 1,100	88 M 264	\$875 \$650-\$775 \$900	Not available	Not available	Not available	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1050	Q-384	\$128	2250	Ø 448	\$350	2701 2702 2703 7770 7772	56 Ø 8	\$200 \$850 \$1,450 \$1,200 \$625	yes yes yes yes yes	yes yes	
2740	Ø-192	\$ 80	2260	Ø 1408	\$ 30						
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1050 2250	8// 40//	Optional Optional	\$290 \$700	\$34,690	\$80,000	Not applicable	Not applicable	X	IV	Basic Operating System Operating System/360 Multiprogramming, Multitasking Data Management, Telecommunications, RPG, PL/1	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Standard	Not available	16	0	Standard	11/65	Same attachment capability as System/360 Model 65. Compatibility features not available.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

// Other input/output units such as displays, readers, punches and printers can be used to provide additional console functions.

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size ¹ bits	characters/word						
2065 4 Models	infinite	\$19,700 to \$51,050	131K to 1,048K Additional 1,048 to 8,388K	131K; 262K; 524K; 1048K 1,048K; 2,097K; 4,194K; 8,388K	Included in processor \$6,500 to \$44,000	75 for eight bytes; inter- leaving standard except at 131K 8.0 per 8 bytes inter- leaving optional	8* plus parity	1 character or 2 digits						
INPUT/OUTPUT CHANNELS			DISK STORAGE											
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
6 selector and 1 multiplexor and 4 multiplexor sub-channels	256	2841	80	\$525	2302-3	112.4	165	156,000	∅ up to eight access mechanisms in any combination ∅ any combination ∅ 1 in	\$5,600 \$7,900 \$575 \$2,800 Included in ctl				
	192				2302-4	224.8	165	156,000						
	16	2314	80	\$5,250	2311	7.25	75	156,000						
					2321	418.4	0.1 to 600	55,000						
					-	207	75	312,000						
DRUM STORAGE					MAGNETIC TAPE									
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control		Tape unit						
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
7320	830	8.6	136,000	∅ 384	\$2,300	Included in tape unit		2415	15,000KB	∅ 144	\$750 to \$1,650			
2301	4,090	8.6	1,200,000	∅ 32	\$2,000	Included in tape unit		2415	15KB/30KB		\$910 to \$2,010			
						13 models, varying in speed, no. channels and whether one tape unit is incl.		2400 Series	30KB/60KB 90KB/120KB 180KB 340KB	intermixing permissible ∅ 192 384	\$310 to \$835			
						2802	80	\$2,100	7340		\$1,350			
I/O CONTROL UNIT			CARD READER			CARD PUNCH			PAPER TAPE READ					
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in devices			1442-N1	400	M-88	\$525	1442-N1	91 to 270	∅ 24	\$775 \$600 \$375	Not available			
2821	∅ 88	\$970	2520-B1	500		\$875	2520-B1	500			Included in reader			
			2501-B1	600		\$260	2520-B2	500			Included in reader			
			2501-B2	1000		\$320	2520-B3	300			Included in reader			
			2540	1000		\$660	1442-N2	91 to 270			Included in reader			
			2540	300				Included in reader						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

∅ Either card, tape or 2311 disk input required.

COMPUTER

IBM 360 Model 65

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1443N1	240	88	\$875	1419	1,000	∅ 2	\$2,275
				1403	600	M	\$650-\$775	1418	Variable	∅ 1	\$2,600 to
				1403	1,100	264	\$900	1428	Variable	∅ 1	\$3,000-3,475
								1285	Variable	∅ 8	\$2,000
								1231	16.7	∅ 1	\$ 505
								Mark reader			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1050	∅-384	\$128	2250	∅ 448	\$350	2701	56	\$200	yes		
2740	∅-192	\$ 80	2260	∅ 1408	\$ 30	2702		\$850	yes		
						2703		\$1,450	yes		
						7770	∅ 8	\$1,200	yes	yes	
						7772		\$625	yes	yes	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1050	8//	Optional	\$290	\$22,350	\$50,000	Not applicable	Not applicable	X	IV	Basic Operating System Operating System/360 Multiprogramming, Multitasking Data Management, Telecommunications, RPG, PL/1	
2250	40//	Optional	\$700								
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Standard	Not available	16	0	Standard	1Q66	1030, 1050, 1060, 1070 and a wide variety of terminal devices can be attached via communications units. May be attached to other System/360 systems either directly or via communications units. 709, 7040/7044/7090/7094/7094II, 7070/7074 or 7080 programs can be run on the 360 Model 65 using compatibility features.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

// Other input/output units such as displays, readers, punches and printers can be used to provide additional console functions.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1801-1	1	\$1,165 to \$2,740	4 to 32	4K, 8K, 16K 32K	Included in processor	4	16 plus parity	2
1801-2	1	\$1,345 to \$2,920	4 to 32	4K, 8K, 16K 32K	Included in processor	2	16 plus parity	2
1802-1	1	\$1,495 to \$3,070	4 to 32	4K, 8K, 16K 32K	Included in processor	4	16 plus parity	2
1802-2	1	\$1,675 to \$3,250	4 to 32	4K, 8K, 16K 32K	Included in processor	2	16 plus parity	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
9	Dependent upon application	Included in disk drive	Not applicable	Not applicable	2310	0.512 to 1.536	520	70,000	0 1	\$300 to \$650

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Included in channel	Not applicable	Not applicable	2400	30,000KB 60,000KB 90,000KB	0 0 0	2 2 2	\$335 ^f \$485 ^f \$785 ^f

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in channel	Not applicable	Not applicable	1442-6	300	0 ^{ff} 2	\$265	1442-6	50 to 180	0 ^{ff} 2	Included in reader	1054	15	0 ^{ff} 1	\$30
			1442-7	400		\$380	1442-7	91 to 270						

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

^f Lower prices for dual drives
^{ff} Card reader or paper tape reader required.



COMPUTER IBM 1800

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
1055	15	Ø 1	\$40	1443-1 1443-2 1053	150 240 15 cps	Øf 2 Øf 2 Øf 8	\$325 \$450 \$50	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1816	Øf 8	\$65	1627	Ø 2	\$4,700 or \$8,150	Included a wide variety of multiplexors, converters and attachments for process control instrumentation					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1816	Øf 8	Optional	\$65	\$1,313 plus process control instrumentation	Application Dependent	Not applicable	Not applicable	Not applicable	IV	Executive assembler monitor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Subroutine	Standard	3	0	12 levels standard 12 levels optional	1Q66	Specialized process control system. Special features allow attachment of a wide variety of analog inputs and outputs. May be directly connected to a System/360 Model 30, 40, 44 or 50. Program compatible with 1130.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

† One 1443, 1053 or 1816 required

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/ ¹ bits	characters/word
2020 6 models	1	\$500 to \$1,275	4K to 16K	4K; 8K; or 16K	Included in processor	3.6 per half byte	8*	1 character or 2 digits

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
7	6	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Included in tape unit			2415	15,000		\$750 to	
						Included in tape unit			(3 models; 2, 4 or 6 units)			\$1,650	
									2415	15KB/30KB	0	6	\$910 to
									(3 models; 2, 4 or 6 units)				\$2,010

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
special	features on CPU		2501-A1	600	1	\$195	2520-A2	500	0	\$625	Not applicable	Not applicable	Not applicable	Not applicable
			2501-A2	1,000		\$255	2520-A3	300		\$450				
			2520-A1	500	M	\$700	2520-A1	500	0	1	Included			
			2560	500		\$575	2560	91 to 260	0		in reader			
							1442-5	91 to 270	0	1	\$255			

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

IBM SYSTEM 360 MODEL 20

COMPUTER

IBM 360 Model 20

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403N1 1403-7 1403-2 2203 2560*	1100 600 600 300 to 750 variable	M 1 See card reader	\$900 \$650 \$775 \$510 \$125-\$375 additional	1419	1.000	Ø 1	\$2,275
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	1009 1013 7701 7702 7710 7711	Ø 1	\$ 500 \$ 800 \$1,175 \$1,300 \$1,575 \$1,100	Not applicable	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	Not applicable	Not applicable	Not applicable	\$1,280	\$1,700	Not applicable	Not applicable	Not applicable	Not applicable	RPG IOCS Assembler	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not available	Not available	8	0	Not available	1Q66	May be attached to a System/360 Model 20, 30, 40, 50, 67 or 75 via a communications line.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size ¹ bits	characters/word
2044 3 models	infinite	\$3,465 to \$6,265	32K to 131K	32K to 131K	Included in processor	1.0 per four bytes	8*	1 character or 2 digits

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
1 Multiplexor 2 Multiplexor	64 256	2841 Included in processor	24	\$525	2311 Not applicable 6415	7.25 1.09 1.09	75 70 70	156,000 90,000 90,000	Ø 8 M 1 Ø 1	\$575 Standard \$230

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	13 Models, varying in speed. No. channels and whether one tape unit is included			2400 Series	30KB to 180KB	Ø 192 internixing permissible	\$310 to \$835

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Included in devices			1442-N1	400	M/24	\$525	1442-N1	91 to 270	Included in reader		2671	1000	Ø 24	\$140
			2520-B1	500		\$875	2520-B1	500	Included in reader					
			2501-B1	600		\$260	2520-B2	500	Ø 24 \$775					
			2501-B2	1000		\$320	2520-B3	300	\$600					
2821	Ø 24	\$970	2540	1000		\$660	1442-N2	91 to 270	\$375					
							2540	300	Included in reader					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. Ø XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

IBM SYSTEM 360 MODEL 44

COMPUTER

IBM 360 Model 44

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403N1 1403 1403	240 600 1,100	24 72 Ø	\$875 \$650-\$775 \$900	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1050 2740	4 - 128 4 - 64	128 80	2250 2260	Ø - 192 Ø - 448	\$350 \$ 30	2701 2702	Ø 24 Ø 8	\$200 \$850	x x	Not applicable Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable	1//	Standard	Not applicable	\$3,725	5,500-15,000	Not applicable	Not applicable	Not applicable	IV ASA Basic	Monitor	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Optional	Not available	16	250 nano-second circuitry	Standard	4Q66	May be directly attached to one or more 1800 systems, or to any other System/360 except a Model 20 or another may be attached to Model 44. A wide variety of terminal devices and any other System/360 systems via communications lines.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

// Other input/output units such as displays, readers, punches and printers can be used to provide additional console functions.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits ¹	characters/word
2067 2 Models	infinite	\$17,075 or \$17,275	262K to 2,097	Increments of 262K	\$9,250 or \$9,425	75 for eight bytes inter-leaving standard	8* plus parity	1 character or 2 digits

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Up to 28 channels: Selector or multiplexor and up to 4 subchannels per multiplexor	256	2841	224	\$525	2302-3	112.4	165	156,000	Ø up to eight access mechanisms in any combination Ø 1 in any combination	\$5,600 \$7,900 \$575 \$2,800 Included in cttl.
	192				2302-4	224.8	165	156,000		
	16	2314	224	\$5,250	2311	7.25	75	156,000		
					2321	418.4	0.1 to 600	55,000		
-	-	-	-	-	207	75	312,000	-	-	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
2301	4,090	8.6	1,200,000	Ø 16	\$2,000	4 Models, varying in speed, no. channels and whether one tape unit is included			2400 Series	30KB/60KB 90KB	1,792	\$310 to \$785

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
2821	M 224	\$600 to \$2,070	2540	1000	M 224	\$660	2540	300	M 224	Included in reader	2671	1000	Ø 224	\$140

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

COMPUTER

IBM 360 Model 67

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	Not applicable	Not applicable	Not applicable	1403-2 1403-NL	600 1,100	M 672	\$775 \$900	Not applicable	Not applicable	Not applicable	Not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
1050 2740	Ø-13,888 Ø-6,944	\$128 \$ 80	2250 2260	Ø 1,792 Ø 5,376	\$350 \$ 30	2701 2702	Ø 224 Ø 224	\$200 \$1,450	yes yes	Not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
1050 2250	1,120// 896//	Optional Optional	\$290 \$700	\$30,345	50,000- 250,000	Not applicable	Not applicable	X	IV	Time Sharing Monitor PL/1	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Standard	Not available	64	192	Standard	4Q66	Same attachment capabilities as System/360 Model 65. Some compatibility feature capability as System/360 Model 65. Allows shared use of multiple processor storage units by up to four processors and up to four channel controllers.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

// Other input/output units such as displays, readers, punches and printers can be used to provide additional console functions.

LOGIC CORPORATION

LOGIC CORPORATION
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LOGIC CORPORATION

LC-1000 1, 2

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
LC-1000	1	\$7000-16,000	500 words to 16,000 words	500 words	\$380/mth 4,000 words	2.5 milli-secs	16 bits - instruction word 32 bits - data word	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
4	4	LC1311	4	\$5,000.00	IBM 1311	2 million	250 msec	20,000	4	\$385.00

DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
not applicable			not applicable			not applicable			not applicable					

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
LC 1443	4	\$ 50.00	IBM	15	4	\$100.00	IBM	15	4	\$100.00	ASR 33	10	4	\$20.00
LC 1442	4	50.00	526				526							
LC 1132	4	50.00	IBM	255	4	\$280.00	IBM	60	4	280.00				
LC 526	4	25.00	1442				1442							

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

LC-1000

COMPUTER

LC-1000

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
ASR 33	10	4	\$20.00	ASR 33	12	4	\$ 20.00	not applicable		not applicable	
				IBM 1443	130	4	325.00				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable	not applicable		Two D-A converters are included in the LC1000 processor for output to any lab. type oscilloscope.			ASR 33	4	\$20.00	no	no	
						Teletype					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL **	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
ASR 33	4	standard	\$20.00	\$200.00	\$12,000	\$27,000	-	-	-	Simplified FORTRAN, SYMBOLIC ASSEMBLER, UTILITIES, MATHEMATICAL, DIAGNOSTICS IOCS.	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Yes, software only	yes	1	1	optional	1/66						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

MONROE INTERNATIONAL, INC.
A DIVISION OF LITTON INDUSTRIES

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MONROE INTERNATIONAL, INC.

Monorobot XI 1, 2

SOFTWARE

QUICKOMP: used in schools for quick programming

PROCESSOR			Internal Storage—if drum label capacity D xxx											
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word						
1000	4 I/O	\$18,150	1000D	1000	185.00	Not applicable	32	Not applicable						
2000	4 I/O	23,400	2000D				32							
INPUT/OUTPUT CHANNELS			* DISK STORAGE											
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³				
		unit #	max./system	price										
4	1 in. 4 out	Not applicable			Not applicable		Not applicable		Not applicable					
DRUM STORAGE					MAGNETIC TAPE									
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
	1000 2000	Not applicable		Not applicable		Not applicable			Not applicable					
I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable			Not applicable				Not applicable				Not applicable			
			IBM 024				IBM 026				20			
											Not applicable			

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Magnetic Card Available.

COMPUTER

MONROBOT XI

PAPER TAPE PUNCH				* PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
Not applicable	20	Not applicable		Not applicable		Not applicable		Not applicable		Not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
console typewriter			operator console			100 wpm transmission					
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
Not applicable		Standard	Not applicable	\$24,500	Not applicable		Not applicable	Yes	QUIKOMP		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not applicable	Not applicable	Not applicable		Not applicable	1961						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

* Console printer only.

NATIONAL CASH REGISTER COMPANY

NATIONAL CASH REGISTER COMPANY
MAIN AND K STREETS
DAYTON, OHIO 45409

NCR

304.....	1, 2
310.....	3, 4
390.....	5, 6
315.....	7, 8
315-100.....	9, 10
315 RMC.....	11, 12
500 Series.....	13, 14

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
304-1	-	\$ 6,560	4	*	***	60	60	10

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
N/A	N/A	N/A	N/A	N/A	N/A	330-1	8	332-1	-	30KC	64	\$1740

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
-	N/A	-	380	2000	1	\$490	-	-	-	-	360-1	1800	1 ^o	\$ 510

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* Integral part of processor.
 *** Included in processor cost.

COMPUTER

NCR 304

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
370-1	60	1 ⁰	\$510	340-1	680	4 ⁰	\$1940	402-1	750	4	\$1700 micr
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
-	N/A	*	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
35I	1	standard	***	\$6,200	\$15,000	\$30,000	-	yes	-	Bus. Compiler	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	yes	10	-	N/A	11/59	Off line converter Off line tape copy/search Discontinued					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

* Inquiry available through console.
 ***Included in processor cost.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
310-3	-	1625	4	*	***	6.4	12	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
N/A	-	-	-	-	-	-	-	-	-	-

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
-	-	N/A	-	-	-	-	-	-	-	-	-	-

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
-	N/A	-	-	-	-	-	-	-	-	-	-	350	* **	-

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

*Integral part of processor.

*** Included in processor cost.

**Additional unit (Model 360) tape reader available - 1000 ch/sec

COMPUTER

NCR 310

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units system ²	mo. rental/unit ³
-	110	1 Integral part of processor	-	340-501	900	1	\$995	402.2	750	1	\$1700 micr

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
-	N/A	Inquiry available through console.	-	N/A	-	-	-	N/A	-	-

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
-	-	N/A	-	\$1,600	\$2450	\$6,500	-	-	-	Absolute

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
N/A	yes	-	-	N/A	4/61	Discontinued

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
390-302	1 incl. console	\$49,500.00	.2	-	-	1120	48	12

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable	not applicable	not applicable			not applicable	not applicable		not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	Mon. rental/unit
not applicable	not applicable			not applicable		390-1	0 ₁	with console	not applicable			
						386-1	m ₁	140.00				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
381-201	m ₁	\$115.00	376-6	14	1	\$77.00								
468-3	m ₁	33.00	-	-	-	-	376-6	12	1	\$77.00				
435-1	m ₁	15.00									361-1	400	1	\$215.00
											362-1	650	2	185.00

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

NCR 390

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
462-1	30	m 2	\$ 60.00	390-1	112	0 1	-	420	1.67 mile. sec. per char.	1	\$19,000.00
461-1	15	m 12	50.00	console	(12 digits)						
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
-	-	-	390-1	0 1	-	-	-	-	-	-	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
3901	0 1	-	-	\$895	\$13,000.00	\$22,000.00	-	-	-	Bus Compiler Absolute	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
-	-	-	-	-	10/61	Line Discontinued					

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
315	-	\$1400	40*	10K	\$1600	6*	12	2 alpha * 3 numeric *

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
	N/A	N/A	-	-	353-1 353-2 353-3	5.5 char./ 8.0 char./ 16.0 char./	235 235 235	100 KC 38 KC 38 KC	N/A N/A N/A	\$950 700 825
						∫ Card random access memory (CRAM)				

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char./sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
-	-	N/A	-	-	-	334-101	2	334-102 332-204 333-101	- - -	12 KC * 66KC** 83KC**	8 8 8	\$300-225 700 825
												∫ 16 with simultaneity controller.

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
-	N/A	-	472-2 380-3 376-7 376-8	400 2000 300 400	1 1 1 1	\$450 750 375 500	376-7∫ 376-8∫ 376-101 ∫ combined reader/punch.	60 100 250	2° 2° 1	\$375 500 400	472-1 361-201	1000 600	1° 2°	\$450 250

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

* Optional transfer rate of 33KC at additional cost.
** Optional transfer rate of 120KC at additional cost.



PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
371-201	120	2	\$250	340-3	680	4	\$ 1425	402.3	750	4	\$1700 micr
				340-502	800	4	995	407.1	1200	4	2100 micr
				340-601	1000	4	1600	420.1	26 [†]	4	1900 optical
				340 503	800	4	650	420.2	52 [†]	4	1950 optical
[†] 26-(20 char.) lines per min. (strip or journal reader)											
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
-	*	-	-	*	-	-	-	*	-	-	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
-	-	***	-	N/A	-	N/A	-	yes	yes		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Programmed floating point	yes	64	-	yes	1/62						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

* With NCR 321 Central Communications Controller, which operates on a memory cycle stealing principle, up to 100 different input/output devices can be attached to the 315, 315-100 or 315 RMC. Such devices as window posting machines, teletypes, Kleinschmidts, CRT displays, adding machines, accounting machines, cash registers, vocal response units, etc. can be interfaced through the 321.

***Integral part of processor.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
315-101 /	316-102 mem	\$ 1,600	5*	-	Included in processor cost	6 *	12	*
315-101	316-103 mem	2,200	10*	-	Included in processor cost	6 *	12	*
315-101	316-104	3,000	15*	-	Included in processor cost	6 *	12	*
/ 315-100 basically a featurized 315.	316-302 additional memory		10*	-	\$ 1,800	6 *	12	*

INPUT/OUTPUT CHANNELS		GRAM								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
	N/A	N/A	-	-	353-1	5.5 char./	235	100 KC	N/A	\$ 950
					353-2	8.0 char./	235	38 KC	N/A	700
					353-3	16.0 char./	235	38 KC	N/A	825
					/ card random access memory (GRAM)					

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
-	-	N/A	-	-	-	334-101	2	\$ 334-102	-	12 KC **	8	\$300-225
								332-204	-	66 KC ***	8/	700
								333-101	-	83 KC ***	8/	825
											/ 16 with simultaneity controller.	

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
-	N/A	-	472-2	400	1	\$ 450	376-7	60	2 ^o	\$ 375	472-1 /	1000	1 ^o	\$ 450
			380-3	2000	1	750	376-8	100	2 ^o	500	361-201	600	2 ^o	250
			376-7	300	1	375	376-101	250	1	400	/ combined with paper tape punch at 110 ch/sec.			
			376-8	400	1	500								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

*SLABS. Contraction of Syllable. Addressable section of memory which is composed of 12 bits, into which two alpha characters or three numeric digits can be stored. Successive slabs up to 8 can make up a variable length word.

** Optional transfer rate of 33KC at additional cost.

*** Optional transfer rate of 120KC at additional cost.

COMPUTER

NCR 315-100

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
371-201	120	2	\$ 250	340-3	680	4	\$ 1425	402.3	750	4	\$1700 micr
				340-502	800	4	995	407.1	1200	4	2100 micr
				340-601	1000	4	1600	420.1	26 *	4	1900 optical
				340-503	800	4	650	420.2	52 **	4	1950 optical

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
-	*	-	-	*	-	-	-	*	-	-

* With NCR 321 Central Communications Controller, which operates on a memory cycle stealing principle, up to 100 different input/output devices can be attached to the 315, 315-100 or 315 RMC. Such devices as window posting machines, teletypes Kleinschmidts, CRT displays, adding machines, accounting machines, cash registers, vocal response units, etc. can be interfaced through the 321.

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
-	-		-	N/A	-	N/A	-	yes	yes	

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Programmed floating point	yes	64	-	yes	11/64	

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.

* 26 - (20 character) lines per minute (strip or journal reader)
** 52 - (30 character) lines per minute (strip or journal reader)

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/ bits	characters/ word
315-501	- 316-504	\$4,700 additional memory	80K* 20K*	- -	Included in processor cost \$2,200	.8* .8*	12 12	* *

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
16	1	N/A	-	-	353-1 353-2 353-3	5.5 char./ 8.0 char./ 16.0 char./ / card random access memory (CRAM)	235 235 235	100 KC 38 KC 38 KC	N/A N/A N/A	\$ 950 700 825

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
-	-	N/A	-	-	-	334-101	2	\$ 334-102 332-204 333-101	- - -	12 KC ** 66 KC *** 83 KC ***	8 8/ 8/	\$300-225 700 825

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/system	rental/ unit	unit #	cpm out	max. units/system ²	rental/ unit ³	unit #	char./ sec. in	max. units/system ²	rental/ unit ³
-	N/A	-	380-3 376-7 376-8	2000 300 400	1 1 1	750/ 375 500 / Combined reader/punch.	376-7 376-8 376-101	60 100 250	2° 2° 1	\$ 375 500 400	361-201	600	2°	\$ 250

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* SLABS. Contraction of Syllable. Addressable section of memory which is composed of 12 bits, into which two alpha characters or three numeric digits can be stored. Successive slabs up to 8 can make up a variable length word.

** Optional transfer rate of 33KC at additional cost.

*** Optional transfer rate of 120KC at additional cost.

NCR 315 RMC

COMPUTER

NCR 315 RMC

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
371-201	120	2	\$ 250	340-3	680	4	\$ 1425	402.3	750	4	\$1700 micr
				340-502	800	4	995	407.1	1200	4	2100 micr
				340-601	1000	4	1600	420.1	26 *	4	1900 optical
				340-503	800	4	650	420.2	52 **	4	1950 optical
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
-	***	-	-	***	-	-	-	***	-	-	
<p>*** With NCR 321 Central Communications Controller, which operates on a memory cycle stealing principle, up to 100 different input/output devices can be attached to the 315, 315-100 or 315 RMC. Such devices as window posting machines, teletypes, Kleinschmidts, CRT displays, adding machines, accounting machines, cash registers, vocal response units, etc., can be interfaced through the 321.</p>											
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
-	-	Integral part of processor	-	N/A	-	N/A	-	yes	yes		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
yes	yes	64	-	yes	10/65						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* 26 -(20 character) lines per minute (strip or journal reader)
 ** 52 -(30 character) lines per minute (strip or journal reader)

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
517	0 ₁	\$21,995.00 - 43,595.00	.48	.24	additional .24 \$50.00	1180	48	12

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable	not applicable	not applicable	not applicable		not applicable		not applicable		not applicable	

DRUM STORAGE					MAGNETIC LEDGER							
unit #	capacity 1000s words	access time/millisecs.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		590-1	m ₁	\$250.00	-	100	-	-
						586-1	m ₁	140.00		100		

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
551-1	m ₁	\$125.00	582	100	m ₂	\$35.00	577-1	100	m ₁	\$125.00	561-1	600	m ₁	\$240.00
551-2	m ₁	130.00		Cards per minute			576-1	Cards per minute			562-1	650	m ₂	185.00
581-1	m ₁	65.00						25 characters per second	m ₁	90.00	563-1	50	m ₁	35.00
											361-1	400	m ₁	215.00

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

NCR 500 SERIES

COMPUTER

NCR 500 Series

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
571-1	120	m ₁	\$140.00	590-2	112	m ₁	\$150.00	420	1.67 mile sec. per char.	m ₁	\$1,900.00
572	30	m ₁	60.00	541	(12 digits) 125 96 char. lines.	m ₁	280.00				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
-	-	-	processor display with processor			not applicable		not applicable		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
590-2	1	optional with console	-	\$765.00	\$38,000.00	\$100,000.00	-	-	-		
590-1	m		815.00								
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
-	-	3	-	-	10/65						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

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PACIFIC DATA SYSTEMS, INCORPORATED

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PACIFIC DATA SYSTEMS, INC.

PDS 1020 1, 2

SOFTWARE

Engineering Interpreter: permits keyboard instruction entry

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
not a modular system		\$21,500*	2048	2048	not applicable	2,300	17	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
3 in 3 out	1	not applicable			not applicable	not applicable	not applicable	not applicable		not applicable

DRUM STORAGE						MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit				
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	
not applicable		not applicable		not applicable		not applicable		not applicable		not applicable			

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			not applicable		not applicable		not applicable		not applicable		not applicable		not applicable	

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* 50 cps paper tape reader and punch standard. 15 cps selectric output standard.

COMPUTER _____ PDS 1020 _____

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
not applicable				not applicable				not applicable			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable			not applicable			not applicable		not applicable		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM COST	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
not applicable		not applicable		\$21,500	\$23,000	\$26,000	not applicable		Interpreter		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
not applicable		1	-	not applicable		2/64					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

COMPUTER

SCC 650-2

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
6220	50	1	\$3200	6510	300/1000	8	30-50ks	not applicable.		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable			6320	32	\$1500 S	not applicable		not applicable	not applicable		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
6310	1	optional	5.5 ks	14.8 ks	16K	50K	-	-	yes	Assembler math, utility	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	1	-	optional	12/65						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

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Cozzens and Cudahy, Incorporated
9501 Devon Avenue
Phone: 312 825-1144

Crofton, Maryland
Electronic Sales Associates, Incorporated
Village Green
Phone: 301 723-0620

Arlington, Massachusetts 02174
Instrument Associates, Incorporated
30 Park Avenue
Phone: 617 648-2922

Midland Park New Jersey
Moxon Electronics Corporation
36 Central Avenue
Phone: 201 652-6750

Houston, Texas 77042
Datronics, Incorporated
7800 Westglen Drive
Phone: 713 782-9851

SCIENTIFIC CONTROL CORPORATION

SCC 650-2.....1, 2

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
650-2	-	\$14.8K	4-32	4K	-	2 μ	12	2
660-2	-	28 K	4-32	4K	-	2 μ	24	4
670-2	-	35 K	4-32	4K	-	2 μ	24	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	4	potter	7 m	\$ 33 K	-	7 million per system	not applicable	not applicable		
8	4	"	7 m	33 K						
8	8	*								

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		6410	4	19 ks	-	15 KC	8	-
						"	"	"		60 KC		

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
-	-	-	6,910	800	1	\$17,000	6920	300	1	28 KS	6210	300	1	\$2900S

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

*Peripherals common to entire line.

RADIO CORPORATION OF AMERICA

RADIO CORPORATION OF AMERICA
CAMDEN, NEW JERSEY 08101

RCA

SALES OFFICES

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Phone: 277-8267

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Phone: 447-8564

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Hartford, Connecticut
50 Lewis Street
Phone: 527-4143

Washington, D.C.
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Phone: 224-0034

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Georgia Power Building
270 Peachtree Street
Phone: 525-6547

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10 South Riverside Plaza
Phone: 782-0700

Indianapolis, Indiana
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Phone: 635-9000

New Orleans, Louisiana
1030 Louisiana Avenue
Phone: 891-1917

Baltimore, Maryland
One Charles Center
Room 1014
Phone: 752-7230

Boston, Massachusetts
Suite 2200
Prudential Center
Phone: 536-0880

Detroit, Michigan
Suite 200
Rutland Building
Rutland Avenue
Southfield, Phone: 356-6150

Kansas City, Missouri
1627 Main Street
Phone: 421-7890

St. Louis, Missouri
7710 Carondelet Avenue
Clayton
Phone: 726-5322

Camden, New Jersey
RCA Electronic Data Processing
RCA-Cherry Hill
Phone: 609 963-8000

Newark, New Jersey
36 Park Place
Phone: 621-7035

New York City, N.Y. (Downtown)
40 Wall St.
Phone: 689-7200

New York City, N.Y. (Uptown)
1250 Avenue of the Americas
Phone: 689-7200

Syracuse, New York
Room 302-303
State Tower Bldg.
Phone: 474-5337

Raleigh, North Carolina
Room 422, First Federal Bldg.
Phone: 833-2621

Cincinnati, Ohio
407 Carew Tower
441 Vine Street
Phone: 241-1690

Cleveland, Ohio
1600 Keith Building
1621 Euclid Avenue
Phone: 241-3450

Dayton, Ohio
224 N. Wilkinson Street
Phone: 224-1406

Toledo, Ohio
Room 1125-1126 Edison Bldg.
Phone: 246-4021

Harrisburg, Pennsylvania
2511 N. 7th Street
Phone: 236-9367

Philadelphia, Pennsylvania
2 Penn Center Plaza, Suite 1909
Phone: 568-8150 - Lo 8-6834

Pittsburgh, Pennsylvania
222 Four Gateway Center
Phone: 261-1080

Greenville, South Carolina
301 N. Main Street
Daniel Building
Suite 1725
Phone: 235-1535

Nashville, Tennessee
Room 308, 17th Avenue, South
RCA Victor Building
Phone: 615 255-7035

Dallas, Texas
210-C Court Terrace
Exchange Park, North
Phone: 351-5361

Houston, Texas
Room 1, Suite 410
Central National Bank Building
2100 Travis Street
Phone: 227-0723

RCA

RCA 301	1, 2
RCA 3301	3, 4
SPECTRA 70/15 (Spectra 70 series)	5, 6
SPECTRA 70/25 (Spectra 70 series)	7, 8
SPECTRA 70/45 (Spectra 70 series)	9, 10
SPECTRA 70/55 (Spectra 70 series)	11, 12
SPECTRA 70/35 (Spectra 70 series)	13, 14

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
303		\$89,400	10		\$1,731	7	7	1
304		112,900	20		2,325	7	7	1
305		172,500	40		3,414	7	7	1
354 with high		167,500	20		3,313	7	14	2
355 speed arithmetic		222,500	40		4,403	7	14	2

INPUT/OUTPUT CHANNELS		MAGNETIC CARD			RANDOM ACCESS		COMPUTER EQUIPMENT			
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable		380-14	02	\$625/mo. 32,500	3488-1	340.8	458	81,250	04	\$2,850
					3488-2 Expands each 3488-1 to 681.6 million		565			1,425

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable			not applicable							
						318	02	\$ 371	381-6	10,000	04*	\$1,504
						399-1	02	544	382-6	20-30,000	04*	2,275
						341	01	969	581	33,333	014	544
						342	01	1,435		66,666	014	865
						351	01	1,978	582	15,41.7 & 60,000	012	550
						352	01	2,473		3484	30,83.4 & 120,000	012
						399-1	02	969	3485			

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			358-1 Control		01	\$198	330	250	01	**	311 Control		01	\$ 119
			329-1	900	01	425					321	100	01	168 ***
			329-2	1,470	01	688					322	1000	01	347
			369-1 Control		01	573								
			330	800	01	550**								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

4. Contains six tape drives.

6. Includes paper tape

5. Includes the card reader and punch.

punch.

* Contains 6 tape drives

** Includes the card reader and punch

*** Includes paper tape punch

RCA 301

COMPUTER

RCA 301

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
321	100	01	*	316-1 Control**		01	\$ 149	311	1560	1	\$317
331	100	01	\$154	316-2 Control**		01	336	Control for Burroughs sorter-reader			
312 Control		01	138	345-1 Buffered control**	02	643					
332	300	01	653	333 1000**	02	692					
				396-1 Control***	01	254					
				396-2 Control***	01	573					
				346-1 Buffered control***	02	717					
				335*** 1075***	02	1,108					
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
398-1 Control	1	\$232	6051	640	\$45 Plus necessary communications system	378 control 20 to 80 lines	1	\$500-700			
328 Interrogating Typewriter	1	242				376 377	1 2	330 390	Computer to computer.		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
308 Control	1	optional	\$163	\$3,695	\$7,500	-		yes	yes II	Assembler Sort/merge Report Program Generator	
338	1	optional	188								
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	none	3	not available	1958	Simultaneous mode optional. communications networks On-line data gathering system (EDGE)					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Included with the 221 reader

** 120 column line

*** 160 column line

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
3303		\$250,000 \$5,000/mo.	40	20,000 40,000 60,000	\$1,000 1,500 2,100	1.5/ 1 or 10 characters	7 to 70	1 to 10
3304 High speed arithmetic		320,000 6,375/mo.	40	120,000 140,000 160,000	2,700 3,300 4,000			

INPUT/OUTPUT CHANNELS		MAGNETIC CARD			RANDOM ACCESS		COMPUTER EQUIPMENT			
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millsecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable		3388-4	02	\$32,500 \$625/mo.	3488-1	340.8	458	81,250	04	\$2,850
					3488-2 3488-1 to 681.6 million	Expands each	565			1,425

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millsecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
3364 3464	Data Drum Control 327.6 to 2,621.4	8.6	149,000	01 01 per control	\$ 315 1,050 to 3,390	3383-6 3383-12 3384-6 3384-12 3385-6 3385-12	04 02 04 02 04 02	\$ 400-450 \$ 790-850 790-850	581 582 681 3484 3485	33,333 66,666 120,000 15,417 or 60,000 30,83 or 120,000	024 024 024 024 024	\$544 865 950 550 775

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			3329 Control		02	\$200	3336 Control		02	\$475	3321 Control		02	\$190
			329-1	900	01/control	425	3436	300	01/control	500	322	1000	01/control	347
			329-2	1,470	01/control	688					321*	100	01/control	168

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Includes the paper tape punch.

COMPUTER

RCA 3301

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
3321	Control	02	\$190	3333** Control		02	\$ 475	not applicable		not applicable	
321*	100	01/control	-	333** 1000		01/control	692				
331	100	01/control	154	3335***Control		02	780				
				335*** 1075		01/control	1,108				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
(See Visual display and console typewriter)			6051	1280	\$45 Plus cost of control	3378	1	\$430 to 585			
						20 to 160 lines	communications				
						3376	2	\$400	Computer to computer.		
						3377	2	390			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
	1	Standard part of processor at no extra cost.		\$6,189	\$12,000		yes	IV	Operating system Assembler Tape sort/merge Report program generator		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
optional	standard	none	none	standard	1964	On-line data gathering system (EDGE) Comptable with RCA 301 programs.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

* Included in price of 321 reader
 ** 120 column line
 *** 160 column line

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/ bits	characters/ word
A		\$40,000	4		\$ 800	2/bytes	8*	1*
B		50,000	8.1		1,000			2 decimal

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
6	1	not applicable			not applicable		not applicable		not applicable	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable						70/242-108	6	\$700	70/432**	30,000	48	\$600
						70/243-108	6	750	70/441**	20-30,000	48	750
									70/442**	60,000	48	900
									70/445	120,000	96	775

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
Six channels standard at no extra cost.			70/237	1435	6	\$650	70/234	100	6	\$450	70/221**	* 200	6	\$500
							70/236	300	6	750	70/224	1,000	6	550

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
** Purchase price, if not available on rental basis.
** Contains two tape drives
*** Includes a paper tape punch

SPECTRA 70/15

COMPUTER

SPECTRA 70/15

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
70/221	100	Included as part of the 70/221 reader		70/242*	625	6	\$ 700	70/272	1200-1600	6	\$600
				70/243*	1,250	6	1,000	Controls: Burroughs B103 or B116 IBM 1419-1 NCR 407			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable		not applicable		70/627	6	\$450	not applicable		
						70/652	6	100			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
70/216	6	optional	180	\$2,600	\$5,000		not applicable			Assembler Report program generator	
Input/output											
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
not available	not available	none	none	standard	8/65	Bill feed printer Document reader					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

*132 column line, also available in 160 columns.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
C		\$ 92,500	16.3		\$1,850	1.5/	8 to 32 *	1 to 4*
D		137,500	32.7		2,750	1 or 4		
E		197,500	65.5		3,950	bytes		

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
16	1	not applicable			not applicable			not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		70/242-108	16	\$700	70/432**	30,000	128	\$600
									70/441**	20-30,000	128	750
						70/243-108	16	750	70/442**	60,000	128	900
									70/445	120,000	256	775

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ							
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³				
5010	1	\$ 75	70/237	1,435	16	\$650	70/234	100	16	\$450	70/221**	* 200	16	\$500				
Provides 2 high speed channels																		
5011	1	100*																
4 selector channels are standard at no cost																		
5012	1	140**																
5014	1	175*					70/236	300	16	750	70/224	1,000	16	550				

*Provides four additional trunks

**Provides four trunks

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

** Contains two tape drives.

*** Includes paper tape punch.

SPECTRA 70/25

COMPUTER

SPECTRA 70/25

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
70/221	100	Included as a part of the 70/221 reader.		70/242*	625	16	\$ 700	70/272	1200-1600 Controls: Burroughs B103 or B116 IBM NCR	16 1419-1 407	\$600
				70/243*	1250	16	1000				
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable	not applicable	not applicable		not applicable		70/627 70/653	16 16	\$450 300		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
70/216	16	one required for programming systems	\$180	\$5,880	\$9,000	not applicable				2 operating systems Report program generators Assembler.	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
not available	standard	15		standard	8/65	Elapsed time clods. Document Reader Bill feed printer 96 character printer.					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

* 132 column line, also available in 160 columns.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
70/45	C	\$180,000	16.3		\$ 3,600	1.44/2	16*	2*
	D	210,000	32.7		4,200	bytes		4 decimal
	E	270,000	65.5		5,400			
	F	350,000	131		7,000			
	G	540,000	262		10,800			

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
11	2	70/551	6	\$26,300 \$525/mo.	70/564	7.25	85 ave.	156,000	8	\$575
					70/55	Magnetic Mass Storage				
					70/568	560.7	385	70,000	8	2,875

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
70/565	1,565	8.6	210,000	4	\$1,500	70/472-108	14	\$700	70/432**	30,000	112	\$600
									70/441**	20-30,000	112	750
									70/442**	60,000	112	900
						70/473-108	14	750	70/445	120,000	224	775

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
5015	1	\$220	70/237	1435	11	\$650	70/234	100	11	\$450	70/221	200	11	\$500
Provides 2 channels or 4 trunks											includes a punch			
5016	1	375					70/236	300	11	750	70/224	1000	11	550
Provides 3 channels or 6 trunks														
Standard multiplexor channel provides 8 trunks														

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

**Contains two tape drives.

COMPUTER

SPECTRA 70/45

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
70/221	100	Price included with 70/221 reader		70/242	625 *	11	\$ 700	70/272	1200-1600	11	\$600
				70/243	1,250*	11	1,000	Controls: Burroughs B103 or B116 IBM 1419-1 NCR 407			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
5936	256	\$70	6051	2048	\$45	70/668	11	\$700	yes	yes	
5940	256	80	Used for inquiry also, plus controller			70/627	11	450			
5941	256	65				70/653	11	300			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
70/97	1	required for programming system	\$330	\$7,780	\$12,000		yes	yes IV	Three operating systems Assembly Report program generator Emulation systems		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	43		standard	7/66	Memory protect Elapsed time clock Direct control Emulators - 301, 501, 1401, 1410 Document reader Bill feed printer 96 character printer } Processor feature					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* 132 column line, also available in 160 columns.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
70/55 E		\$ 417,500	65.5		\$ 8,350	84/4 bytes	32*	4* 8 decimal
70/55 F		497,500	131		9,950			
70/55 G		687,500	262		13,750			
70/55 H		1,127,500	564		22,550			

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
14	4	70/551	024	\$26,300 \$525/mo.	70/564	7.25	85	156,000	08	\$ 575
		Magnetic Card Mass Storage					70/568	560.7	385	70,000

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
70/565	1,565	8.6	210,000	04	\$1,500	70/472-108	032	\$700	70/432**	30,000	0256	\$ 600
									70/441**	20-30,000	0256	750
									70/442**	60,000	0256	900
						70/473-108	032	750	70/445	120,000	0512	775

SELECTOR I/O CONTROL UNIT CHANNELS			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
5020	06	\$ 250	70/237	1435	014	\$650	70/234	100	014	\$450	70/221**	200	014	\$500
5022	06	450					70/236	300	014	750	70/224	1000	014	550
5024	06	1,150												
Standard multiplexor channel provides 8 trunks														

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

** Contains two tape drives in the unit.

* ** Includes paper tape punch.

SPECTRA 70/55

COMPUTER

SPECTRA 70/55

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
70/221	100		Price included in 70/221 reader	70/242 *	625	014	\$700	70/272	1200-1600	014	\$600
				70/243 *	1250	014	1,000	Controls: Burroughs B103 or B116 IBM 1419-1 NCR 407			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
5936	0256	\$70	6051	02048	\$45	70/668	014	\$700	yes	yes	
5940	0256	80	Used for inquiry also, plus controller			70/627	014	450			
5941	0256	65				70/653	014	300			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
70/97	01	Required for programming systems	\$330	\$12,530	\$17,000	-		yes	yes IV	Three operating systems Assembly Report program generator	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	43		standard	12/66	Bill feed printer Memory protect Elapsed time clock Direct control Document reader 96 Character printer } Processor features					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

*132 column line, also available in 160 columns.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
C		\$105,000	16.3		\$2,100	1.5/	8-32*	1 to 4*
D		150,000	32.7		3,000	1 to 4 bytes		
		210,000	65.5		4,200			

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
9	2	70/551	4	\$26,300	70/564	7.25	85	156,000	8	\$ 575
				\$525/mo.	70/568	560.7	385	70,000	8	2,875

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
70/565	1,565	8.6	210,000	4	\$1,500	70/242-108	11	\$700	70/432**	30,000	88	\$600
						70/243-108	11	750	70/441**	20-30,000	88	750
									70/442**	60,000	88	900
									70/445	120,000	176	775

SELECTOR I/O CONTROL UNIT CHANNELS			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
5030	2	\$175	70/237	1435	9	\$650	70/234	100	9	\$450	70/221***	200	9	\$500
5031	1	275					70/236	300	9	750	7/224	1,000	9	550
Provides 2 trunks														
Provides 4 trunks														
Standard multiplexor channel provides 7 trunks														

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.
 ** Contains two tape drives.
 *** Includes a paper tape punch.

SPECTRA 70/35

COMPUTER

SPECTRA 70/35

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
70/221	100	Included in 70/221 reader		70/242*	625	9	\$ 700	70/272	1200-1600	9	\$600
				70/243 *	1,250	9	1,000		Controls: Burroughs B103 or B116 IBM NCR	1419-1 407	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
5936	115	\$70	6051	920	\$45 plus controllers	70/668	9	\$700	yes	yes	
5940	115	80				70/627	9	450			
5941	115	65				70/653	9	300			
			Used for inquiry								
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
70/97	1	Required for programming systems	\$330	\$6,280	\$10,000		yes	yes IV	3 operating systems Assembler Report program generator Emulation systems		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	43		standard	12/66	Memory protect Elapsed time clock Direct control Emulators - 301 & 1401 Bill feed printer Document reader 96 character printer					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

*132 column line, also available in 160.

SCIENTIFIC DATA SYSTEMS

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SCIENTIFIC DATA SYSTEMS

SDS 910.....	1, 2
SDS 920.....	3, 4
SDS 930.....	5, 6
SDS 9300.....	7, 8
SDS 92.....	9, 10
SDS 925.....	11, 12
SDS 940.....	13, 14
Sigma 2.....	15, 16
Sigma 7.....	17, 18
Sigma 5.....	19, 20

SOFTWARE

(for general software, see Preface)

Berkley Time Sharing Software System

META-SYMBOL: high level symbolic assembly language and processor

MONARCH: operating system for 900 series

PINT: Purdue Interpretive Language System: translator

SYMBOL: assembler

ADDITIONAL SOFTWARE FOR SIGMA 2:

General Debug, Concordance: additional documentation for general
reference and faster debug.

System Generator

Math Library

Batch Monitor and Universal-Time Share Monitor Operating Systems

SOFTWARE FOR SIGMA 7:

MANAGE: for business data file handling

Report Generator

Generalized sort/merge

1400 Series Simulator

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price *	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
910	1	\$26,000	16	2K 4K	\$ 300/mo. 500/mo.	8.0	24 + parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
3	32	9164-01 9164-02	2 per I/O chan. 2 per pair of I/O channels	\$ 875/mo. 1400/mo.	9165-14	16.777	275 (max)	82,000(average)	1	\$6,750/mo.

MAGNETIC TAPE							MAGNETIC TAPE						
Control			Tape unit				Control			Tape unit			
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9448	1 per I/O chan.	\$250/mo.	9446	1,500	8 per control	\$150/mo	9348	1 per I/O chan.	\$350/mo.	9346	12,000-33.360	8 per control	\$730/mo
9148	1 per I/O chan.	165/mo.	9146	15,000	8 per control	495/mo					48,000		
92481	1 per I/O chan.	175/mo.	92461	15,000	8 per control	500/mo	95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control	600/mo
9248	1 per I/O chan.	295/mo.	9246	15,000-41,700	8 per control	600/mo	95482	1 per I/O chan.	300/mo.	95462	15,000-41,000-60,000	8 per control	625/mo
92482	1 per I/O chan.	300/mo.	92462	15,000-41,000-60,000	8 per control	625/mo							
92483	1 per I/O chan.	375/mo.	92463	24,000-66,720 96,000	8 per control	700/mo							

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Not applicable	Not applicable	Not applicable	9152	400	2 per I/O channel	\$500/mo.	9158	300	2 per I/O channel	\$750/mo.	9230	300	2 per I/O channel	\$115/mo.
			9153	800	2 per I/O channel	550/mo.								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* For CPU only, excluding core memory or peripherals.

NOTE: Prices quoted are monthly rentals based on 1-year lease as per latest published SDS price bulletins.

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.	Not applicable		Not applicable	
9232	60	2 per I/O chan.	180/mo.	9372	140 & 600	2 per I/O chan.	580/mo.				
92340 /	60	2 per I/O chan.	305/mo.	9379	600 & 800	2 per I/O chan.	900/mo.				
				9470-12	2400	2 per I/O chan.	415/mo.				
				9470-16	2400	2 per I/O chan.	475/mo.				
				9470-20	2400	2 per I/O chan.	550/mo.				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt.	\$150/mo.	no	N/A
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
9237	sys. depend	optional	\$180/mo.	SDS 910 = \$1600/mo.	\$2,170/mo.	\$6,000/mo.	ALGOL 60	Not applicable	FORTRAN II	MONARCH
9334	sys. depend	optional	225/mo.							
9438	sys. depend	optional	110/mo.							
9437	sys. depend	optional	225/mo.							
9439	sys. depend	optional	125/mo.							
									Real-Time	META-SYMBOL
									FORTRAN II	PINT
									FORTRAN IV	Business Compiler
									Real-Time	
									FORTRAN IV	

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Not available	Standard	1	None	2 Standard. 1024 optional	8/62	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

/ Model 92340 is a combination reader and punch mounted in cart.

NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price *	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
920	1	\$31,000	16	2K 4K	\$300/mo. 500/mo.	8.0	24 + parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
3	32	9164-01 9164-02	2 per I/O chan. 2 per pair of I/O channels	\$ 875/mo. 1,400/mo.	9165-14	16.777	275 (max)	82,000(average)	1	\$6,750/mo.

MAGNETIC TAPE							MAGNETIC TAPE						
Control			Tape unit				Control			Tape unit			
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit	unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9448	1 per I/O chan.	\$250/mo.	9446	1,500	8 per control.	\$150/mo	9348	1 per I/O chan.	\$360/mo.	9346	12,000-33,360	8 per control.	\$730/mo
9148	1 per I/O chan.	165/mo.	9146	15,000	8 per control.	495/mo					48,000		
92481	1 per I/O chan.	175/mo.	92461	15,000	8 per control.	500/mo	95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control.	600/mo.
9248	1 per I/O chan.	295/mo.	9246	15,000-41,700	8 per control.	600/mo	95482	1 per I/O chan.	300/mo.	95462	15,000-41,000-60,000	8 per control.	625/mo.
92482	1 per I/O chan.	300/mo.	92462	15,000-41,000-60,000	8 per control.	625/mo							
92483	1 per I/O chan.	375/mo.	92463	24,000-66,720 96,000	8 per control.	700/mo							

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
Not applicable	Not applicable	Not applicable	9152	400	2 per I/O channel	\$500/mo.	9158	300	2 per I/O channel	\$750/mo.	9230	300	2 per I/O channel	\$115/mo.
			9153	800	2 per I/O channel	550/mo.								

- Star with number indicates bytes, if byte machine.
- M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
- Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* For CPU only, excluding core memory or peripherals.

NOTE: Prices quoted are monthly rentals based on 1-year lease as per latest published SDS price bulletins.

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.	Not applicable		Not applicable	
9232	60	2 per I/O chan.	180/mo.	9372	140 & 600	2 per I/O chan.	580/mo.				
92340 †	60	2 per I/O chan.	305/mo.	9379	600 & 800	2 per I/O chan.	900/mo.				
				9470-12	2400	2 per I/O chan.	415/mo.				
				9470-16	2400	2 per I/O chan.	475/mo.				
				9470-20	2400	2 per I/O chan.	550/mo.				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt.	\$150/mo.	no	N/A
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
9237	sys. depend	optional	\$180/mo.	SDS 920 = \$1800/mo.	\$2410/mo.	\$7000/mo.	Yes	Not applicable	FORTRAN II Real-Time FORTRAN II FORTRAN IV Real-Time FORTRAN IV	MONARCH META-SYMBOL PINT Business Compiler
9334	sys. depend	optional	225/mo.							
9438	sys. depend	optional	110/mo.							
9437	sys. depend	optional	225/mo.							
9439	sys. depend	optional	125/mo.							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Not available	Standard	1	None	2 Standard, 1024 optional	9/62	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.
 † Model 92340 is a combination reader and punch mounted in cart.
 NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price*	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
930	1	\$64,000	32	4K 8K 16K	\$ 625/mo. 1050/mo. 1800/mo.	1.75	24 + parity	4

INPUT/OUTPUT CHANNELS			DISK STORAGE							
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
unlimited	32	9164-01 9164-02	2 per I/O chan. 2 per pair of I/O channel	\$ 875/mo. 1400/mo.	9165-14	16.777	275 (max)	82,000(average)	1	\$6,750/mo.

DISK STORAGE						MAGNETIC TAPE						
unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9367-01	0.131	34 (max)	468,000(average)	4	\$ 750/mo.	9448	1 per I/O chan.	\$250/mo.	9446	1,500	8 per control.	\$150/mo.
9367-02	0.262	34 (max)	468,000(average)	4	925/mo.	9148	1 per I/O chan.	165/mo.	9146	15,000	8 per control.	495/mo.
9367-04	0.524	34 (max)	468,000(average)	4	1250/mo.	92481	1 per I/O chan.	175/mo.	92461	15,000	8 per control.	500/mo.
9367-11	0.131	34 (max)	468,000(average)	4	550/mo.	9248	1 per I/O chan.	295/mo.	9246	15,000-41,700	8 per control.	600/mo.
9367-12	0.262	34 (max)	468,000(average)	4	750/mo.	92482	1 per I/O chan.	300/mo.	92462	15,000-41,000-60,000	8 per control.	625/mo.
9367-14	0.524	34 (max)	468,000(average)	4	1125/mo.	92483	1 per I/O chan.	375/mo.	92463	24,000-66,720 96,000	8 per control.	700/mo.

MAGNETIC TAPE							CARD READER				CARD PUNCH			
Control			Tape unit				unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit								
9348	1 per I/O chan.	\$360/mo.	9346	12,000-33,360 48,000	8 per control.	\$730/mo.	9152	400	2 per I/O channel	\$500/mo.	9158	300	2 per I/O channel	\$750/mo.
95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control.	600/mo.	9153	800	2 per I/O channel	550/mo.				
95482	1 per I/O chan.	300/mo.	95462	15,000-41,000-60,000	8 per control.	625/mo.								

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* For CPU only, excluding core memory or peripherals.

NOTE: Prices quoted are monthly rentals based on 1-year lease as per latest published SDS price bulletins.

PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER			
unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units system ²	mo. rental/unit ³
9330	300	2 per I/O chan.	\$115/mo.	9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.
				9232	60	2 per I/O chan.	180/mo.	9372	140-600	2 per I/O chan.	580/mo.
				92340 ⁴	60	2 per I/O chan.	305/mo.	9379	600-800	2 per I/O chan.	900/mo.
								9470-12	2400	2 per I/O chan.	415/mo.
								9470-16	2400	2 per I/O chan.	475/mo.
								9470-20	2400	2 per I/O chan.	550/mo.

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt	\$150/mo.	no	N/A
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
9237	sys. depend.	optional	\$180/mo.	SDS 930 = \$2100/mo.	\$2690/mo.	\$6,500/mo.	Yes	Not applicable	FORTRAN II Real-Time FORTRAN II FORTRAN IV Real-Time FORTRAN IV	MONARCH META-SYMBOL PINT Business Compiler
9334	sys. depend.	optional	225/mo.							
9438	sys. depend.	optional	110/mo.							
9437	sys. depend.	optional	225/mo.							
9439	sys. depend.	optional	125/mo.							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Not available	Standard	1	None	2 Standard, 1024 optional	6/64	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.
⁴ Model 92340 is a combination reader and punch mounted in cart.

NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price *	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
9300	1	\$95,000	32	4K 8K 16K	\$ 875/mo. 1375/mo. 2250/mo.	1.75	24 + parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
unlimited	32	9164-01 9164-02	2 per I/O chan 2 per pair of channels	\$ 875/mo. 1400/mo.	9165-14	16,777	275 (max)	82,000 (average)	1	\$6,750/mo.

DISK STORAGE						MAGNETIC TAPE						
unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9367-01	0.131	34 (max)	468,000 (average)	4	\$ 750/mo.	9448	1 per I/O chan.	\$250/mo.	9446	1,500	8 per control.	\$150/mo.
9367-02	0.262	34 (max)	468,000 (average)	4	925/mo.	9148	1 per I/O chan.	165/mo.	9146	15,000	8 per control.	495/mo.
9367-04	0.524	34 (max)	468,000 (average)	4	1250/mo.	92481	1 per I/O chan.	175/mo.	92461	15,000	8 per control.	500/mo.
9367-11	0.131	34 (max)	468,000 (average)	4	550/mo.	9248	1 per I/O chan.	295/mo.	9246	15,000-41,700	8 per control.	600/mo.
9367-12	0.262	34 (max)	468,000 (average)	4	750/mo.	92482	1 per I/O chan.	300/mo.	92462	15,000-41,000-60,000	8 per control.	625/mo.
9367-14	0.524	34 (max)	468,000 (average)	4	1125/mo.	92483	1 per I/O chan.	375/mo.	92463	24,000-66,720-96,000	8 per control.	700/mo.

MAGNETIC TAPE							CARD READER				CARD PUNCH			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit								
9348	1 per I/O chan.	\$360/mo.	9346	12,000-33,360-48,000	8 per control.	\$730/mo.	9152	400	2 per I/O channel	\$500/mo.	9158	300	2 per I/O channel	\$750/mo.
95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control.	600/mo.	9153	800	2 per I/O channel	550/mo.				
95482	1 per I/O chan.	300/mo.	95462	15,000-41,000-60,000	8 per control.	625/mo.								

1. Star with number indicates bytes, if byte machine.
2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER			
unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental/unit ³
9330	300	2 per I/O chan.	\$115/mo.	9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.
				9232	60	2 per I/O chan.	180/mo.	9372	140-600	2 per I/O chan.	580/mo.
				92340 ⁴	60	2 per I/O chan.	350/mo.	9379	600-800	2 per I/O chan.	900/mo.
								9470-12	2400	2 per I/O chan.	415/mo.
								9470-16	2400	2 per I/O chan.	475/mo.
								9470-20	2400	2 per I/O chan.	550/mo.

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt	\$150/mo.	no	N/A
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN COBOL	OTHER
9237	sys. depend	optional	\$180/mo.	SDS 9300 = \$3000/mo.	\$4875/mo.	\$11,000/mo.	Yes	Not applicable	Real-Time FORTRAN II FORTRAN IV Real-Time FORTRAN IV	MONITOR META-SYMBOL Business Compiler
9334	sys. depend	optional	225/mo.							
9438	sys. depend	optional	110/mo.							
9437	sys. depend	optional	225/mo.							
9439	sys. depend	optional	125/mo.							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Optional	Standard	3	None	2 Standard, 1024 optional	12/64	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

⁴ Model 92340 is a combination reader and punch mounted in cart.

NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price *	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
92	1	\$14,000	32	2K 4K 8K 16K 32K	\$ 190/mo. 335/mo. 595/mo. 1025/mo. 1775/mo.	1.75	12 + parity (optional)	2

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
unlimited	32	9164-01 9164-02	2 per I/O chan 2 per pair of I/O channels	\$ 875/mo. 1400/mo.	9165-14	33.554	275 (max)	82,000(average)	1	\$6,750/mo.

DISK STORAGE //						MAGNETIC TAPE						
unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9367-01	0.262	34 (max)	468,000(average)	4	\$ 750/mo.	9448	1 per I/O chan.	\$250/mo.	9446	1,500	8 per control.	\$150/mo.
9367-02	0.524	34 (max)	468,000(average)	4	925/mo.	9148	1 per I/O chan.	165/mo.	9146	15,000	8 per control.	495/mo.
9367-04	1.049	34 (max)	468,000(average)	4	1250/mo.	92481	1 per I/O chan.	175/mo.	92461	15,000	8 per control.	500/mo.
9367-11	0.262	34 (max)	468,000(average)	4	550/mo.	9248	1 per I/O chan.	295/mo.	9246	15,000-41,700	8 per control.	600/mo.
9367-12	0.524	34 (max)	468,000(average)	4	750/mo.	92482	1 per I/O chan.	300/mo.	92462	15,000-41,000-60,000	8 per control.	625/mo.
9367-14	1.049	34 (max)	468,000(average)	4	1125/mo.	92483	1 per I/O chan.	375/mo.	92463	24,000-66,720-96,000	8 per control.	700/mo.

MAGNETIC TAPE /							CARD READER				CARD PUNCH			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit								
9348	1 per I/O chan.	\$360/mo.	9346	12,000-33,360 48,000	8 per control.	\$730/mo.	9152	400	2 per I/O channel	\$ 500/mo.	9158	300	2 per I/O channel	\$750/mo.
95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control.	600/mo.	9153	800	2 per I/O channel	550/mo.				
95482	1 per I/O chan.	300/mo.	95462	15,000-41,000-60,000	8 per control.	625/mo.								

// DRUM STORAGE - replaced by Rapid-Access Disk (RAD) files in SDS product line.

/ I/O CONTROL UNIT - Not available

* For CPU only, excluding core memory or peripherals.

NOTE: Prices quoted are monthly rentals based on 1-year lease as per latest published SDS price bulletins.

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER ††			
unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³
9330	300	2 per I/O chan.	\$115/mo.	9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.
				9232	60	2 per I/O chan.	180/mo.	9372	140-600	2 per I/O chan.	580/mo.
				92340†	60	2 per I/O chan.	305/mo.	9379	600-800	2 per I/O chan.	900/mo.
								9470-12	2400	2 per I/O chan.	415/mo.
								9470-16	2400	2 per I/O chan.	475/mo.
								9470-20	2400	2 per I/O chan.	550/mo.

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt	\$150/mo.	no	N/A *
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
9237	sys. depend	optional	\$180/mo.	SDS 92 = \$1000/mo.	\$1545/mo.	\$5000/mo.	Not applicable	Not applicable	FORTRAN IV	SYMBOL
9334	sys. depend	optional	225/mo.							
9438	sys. depend	optional	110/mo.							
9437	sys. depend	optional	225/mo.							
9439	sys. depend	optional	125/mo.							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Not available	Standard	1	None	None Standard, 256 optional	2/65	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

† Model 92340 is a combination reader and punch mounted in cart.
 †† MICR/OPTICAL READER - Not available.
 * Not normally supplied with SDS equipment.

NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price *	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
925	1	\$50,000	16	4K 8K 16K	\$ 590/mo. 1025/mo. 1690/mo.	1.75	24 + parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
unlimited	32	9164-01 9164-02	2 per I/O chan 2 per pair of I/O channels	\$ 875/mo. 1400/mo.	9165-14	16 777	275(max)	82,000(average)	1	\$6,750/mo.

DISK STORAGE						MAGNETIC TAPE						
unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9367-01	0.131	34 (max)	468,000(average)	4	\$ 750/mo.	9448	1 per I/O chan.	\$250/mo.	9446	1,500	8 per control.	\$150/mo.
9367-02	0.262	34 (max)	468,000(average)	4	925/mo.	9148	1 per I/O chan.	165/mo.	9146	15,000	8 per control.	495/mo.
9367-04	0.524	34 (max)	468,000(average)	4	1250/mo.	92481	1 per I/O chan.	175/mo.	92461	15,000	8 per control.	500/mo.
9367-11	0.131	34 (max)	468,000(average)	4	550/mo.	9248	1 per I/O chan.	295/mo.	9246	15,000-41,700	8 per control.	600/mo.
9367-12	0.262	34 (max)	468,000(average)	4	750/mo.	92482	1 per I/O chan.	300/mo.	92462	15,000-41,000-60,000	8 per control.	625/mo.
9367-14	0.524	34 (max)	468,000(average)	4	1125/mo.	92483	1 per I/O chan.	375/mo.	92463	24,000-66,720-96,000	8 per control.	700/mo.

MAGNETIC TAPE							CARD READER				CARD PUNCH			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit								
9348	1 per I/O chan.	\$360/mo.	9346	12,000-33,360 48,000	8 per control.	\$730/mo.	9152	400	2 per I/O channel	\$ 500/mo.	9158	300	2 per I/O channel	\$750/mo.
95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control.	600/mo.	9153	800	2 per I/O channel	550/mo.				
95482	1 per I/O chan.	300/mo.	95462	15,000-41,000 60,000	8 per control.	625/mo.								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* For CPU only, excluding core memory or peripherals.

NOTE: Prices quoted are monthly rentals based on 1-year lease as per latest published SDS price bulletins.

PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER			
unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³
9330	300	2 per I/O chan.	\$115/mo.	9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.
				9232	60	2 per I/O chan.	180/mo.	9372	140-600	2 per I/O chan.	580/mo.
				92340 ⁴	60	2 per I/O chan.	305/mo.	9379	600-800	2 per I/O chan.	900/mo.
								9470-12	2400	2 per I/O chan.	415/mo.
								9470-16	2400	2 per I/O chan.	475/mo.
								9470-20	2400	2 per I/O chan.	550/mo.

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt.	\$150/mo.	no	N/A
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	ALGOL	COBOL	FORTRAN
9237	sys. depend	optional	\$180/mo.	SDS 925 = \$2000/mo.	\$2570/mo.	\$6000/mo.	ALGOL 60	Not applicable	FORTRAN II	MONARCH
9334	sys. depend	optional	225/mo.							
9438	sys. depend	optional	110/mo.							
9437	sys. depend	optional	225/mo.							
9439	sys. depend	optional	125/mo.							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Not available	Standard	1	None	2 Standard, 1024 optional	2/65	

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

⁴ Model 92340 is a combination reader and punch mounted in cart.

NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price**	capacity 1000s words	memory module size	rental/module	storage cycle time in microsds	word size/bits	characters/word
930 plus 940 modifications	1	\$156,000 /	65	4K 8K 16K	\$ 625/mo. 1050/mo. 1800/mo.	1.75	24 + parity	4

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
unlimited	32	9164-01 9164-02	2 per I/O chan 2 per pair of I/O channels	\$ 875/mo. 1400/mo.	9165-14	16.777	275 (max)	82,000(average)	1	\$6,750/mo.

DISK STORAGE						MAGNETIC TAPE						
unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
9367-01	0.131	34 (max)	468,000(average)	4	\$ 750/mo.	9448	1 per I/O chan	\$250/mo.	9446	1,500	8 per control	\$150/mo
9367-02	0.262	34 (max)	468,000(average)	4	925/mo.	9148	1 per I/O chan	165/mo.	9146	15,000	8 per control	495/mo
9367-04	0.524	34 (max)	468,000(average)	4	1250/mo.	92481	1 per I/O chan	175/mo.	92461	15,000	8 per control	500/mo
9367-11	0.131	34 (max)	468,000(average)	4	550/mo.	9248	1 per I/O chan	295/mo.	9246	15,000-41,700	8 per control	600/mo
9367-12	0.262	34 (max)	468,000(average)	4	750/mo.	92482	1 per I/O chan	300/mo.	92462	15,000-41,000-60,000	8 per control	625/mo
9367-14	0.524	34 (max)	468,000(average)	4	1125/mo.	92483	1 per I/O chan	375/mo.	92463	24,000-66,720-96,000	8 per control	700/mo

MAGNETIC TAPE							CARD READER				CARD PUNCH			
Control			Tape unit				unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit								
9348	1 per I/O chan.	\$360/mo.	9346	12,000-33,360 48,000	8 per control	\$730/mo	9152	400	2 per I/O channel	\$500/mo.	9158	300	2 per I/O channel	\$750/mo.
95481	1 per I/O chan.	295/mo.	95461	15,000-41,000	8 per control	600/mo.	9153	800	2 per I/O channel	550/mo.				
95482	1 per I/O chan.	300/mo.	95462	15,000-41,000 60,000	8 per control	625/mo.								

/ This price includes prerequisite SDS 930 computer, plus cost of factory modifications to computer main-frame elements required for addressing of 65,536 words of core memory. See configurator diagram for minimal configuration of SDS 940.

- Star with number indicates bytes, if byte machine.
- M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
- Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* For CPU only, excluding core memory or peripherals.

NOTE: Prices quoted are monthly rentals based on 1-year lease as per latest published SDS price bulletins.

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PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental/unit ³
9330	300	2 per I/O channel	\$115/mo.	9132	60	2 per I/O chan.	\$180/mo.	9171	1000	2 per I/O chan.	\$1125/mo.
				9232	60	2 per I/O chan.	180/mo.	9372	140-600	2 per I/O chan.	580/mo.
				92340/L	60	2 per I/O chan.	305/mo.	9379	600-800	2 per I/O chan.	900/mo.
								9470-12	2400	2 per I/O chan.	415/mo.
								9470-16	2400	2 per I/O chan.	475/mo.
								9470-20	2400	2 per I/O chan.	550/mo.

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
9237	system depend.	\$180/mo.	9175	2 per I/O chan.	\$245/mo.	9215	96 ckts per cbnt	\$150/mo.	no	N/A
9334	system depend.	225/mo.	9185-01	one per system	90/mo.	9224-01	8	65/mo.	no	N/A
9438	system depend.	110/mo.	9185-11	one per 9185-01	175/mo.	9224-02	8 per 9224-01	45/mo.	no	N/A
9437	system depend.	225/mo.	9185-22	one per 9185-11	125/mo.	9224-03	16 per 9224-02	10/mo.	no	N/A
9439	system depend.	125/mo.	9185-31	one per 9185-11	25/mo.	9225-01	8	75/mo.	no	N/A
			9185-41	one per 9185-11	35/mo.	9225-02	16 per 9225-01	40/mo.	no	N/A
			9185-91	one per unit	80/mo.	9225-03	8 per 9225-02	20/mo.	no	N/A

COMMUNICATIONS					CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE	
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum
CTE-10	1 per group of 16 full-duplex lines /	\$220/mo.	Yes	N/A	9237	sys. depend.	optional	\$180/mo.	SDS 940 = \$14,000/mo.	\$18,000/mo.	\$25,000/mo.
CTE-11	1 per group of 4 full-duplex lines /	165/mo.	Yes	N/A	9334	sys. depend.	optional	225/mo.			
					9438	sys. depend.	optional	110/mo.			
					9437	sys. depend.	optional	225/mo.			
					9439	sys. depend.	optional	125/mo.			

SOFTWARE				FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date
ALGOL	COBOL	FORTRAN ALGOL	OTHER			Standard Number	Optional Number		
Yes	Not applicable	FORTRAN II Real-Time FORTRAN II FORTRAN IV Real-Time FORTRAN IV	Berkeley Time-Sharing Software System MONARCH PINT Business Compiler META-SYMBOL	Not available	Standard	1	None	2 Standard, 1024 optional	4/66

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

/ For use with SDS 940 Time-Sharing Computer System only. Number of full-duplex lines can be expanded indefinitely in multiples of 16, depending on system requirements.

/ / Model 92340 is a combination reader and punch mounted in cart.

NOTE: Prices quoted are monthly rentals based on 1-year lease, as per latest published SDS price bulletins.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
8001	N/A	\$9,000	4 to 65	4096 words	\$305 for first module \$225 for each additional module	0.900	16 bits plus parity	2 bytes

INPUT/OUTPUT CHANNELS		DISK STORAGE (See notes)								
max. no.	max. units/channel	Controller			unit #	module capacity millions words*	access time/millisecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Up to 20	4	7201	8	\$8,000	7202	0.75	17.0 average	187,500	0 ₈	\$405
					7203	1.5	17.0 average	187,500	0 ₈	\$610
					7204	3.0	17.0 average	187,500	0 ₈	\$790

DRUM STORAGE (See notes)						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		7321	8	\$225	7322	60,000 bytes/sec.	64	\$585
						7361	8	\$155	7323	20,000 bytes/sec	64	\$855
						7371	8	\$270	7362	20,000 ch./sec.	16	\$500
									7372	60,000 ch./sec.	64	\$585

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
Part of CPU	(Four I/O channels std. and 16 optional)	-	7120	400	80	\$360	7160	300	0 ₈₀	\$720	7061/7062	300	0 ₈₀	\$205
			7140	800	80	\$540								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Bytes (=8 bits)

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
7063	120 cps	0 ⁸⁰	\$55	7440 7445	600 1000	0 ⁸⁰ 0 ⁸⁰	\$790 \$900	not applicable	not applicable	not applicable	not applicable

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
7550	0 ¹⁰²⁴	\$225	NOTE: For visual display purposes, SDS provides the Model 7550 Multipurpose Keyboard Display. This unit (listed here under the heading "INQUIRY/VISUAL DISPLAY") combines the functions of an inquiry/response device and a visual (Cathode-Ray Tube) display.			7601	8	} optional	\$160	No	not applicable
					7602	4	18		No		
					7603	N/A	18		No		
					7611	8	241		No		
					7612	64	6		No		
					7613	64	36		No		
					7615	512	9		No		
					7616	512	9		No		
					7618	N/A	\$125	No			

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
8091	1	Optional	\$110	\$1,400	\$55,000	\$280,000	No	No	Basic	Real-Time Batch Monitor (RBM)
8092	1	Optional /	\$160						FORTRAN	Basic Control Monitor (BCM)
7010	80	Optional	\$135						and	SYMBOL
7020	80	Optional	\$180						FORTRAN	Extended SYMBOL
								IV	General Debugging Routine	
									Concordance	
									System Generation Program	
									Mathematics Library	

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
Not available	Standard	2	0	4 Standard	12/66	Recent developments in the computer industry have invalidated the distinction between drum and disk storage. In the past, drum storage utilized one read/write head per track whereas disk storage utilized moveable read/write heads. Consequently, drum storage provided faster access and higher transfer rates than disk files. At present, however, some drum stores utilize movable read/write heads while some disk stores utilize one read/write head per track. This means that the only valid distinction between disk and drum is the physical shape of the rotating magnetic surface. SDS provides both disk and drum storage; both types utilize one fixed read/write head per track. These units are identified solely by their access time and transfer rate.

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

/A minimum computer configuration must include at least one input/output device. This can either be a console typewriter with paper-tape I/O system (Model 8092) or it can be a card device. Because Model 8092 is the least expensive means of providing both input and output, it is usually cited as the one peripheral unit necessary for a minimal machine configuration.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
8401	N/A	\$110,000	4 to 131	4096 words	\$900, 1st module \$400, for each additional module	0.850	32 bits plus parity	4 bytes

INPUT/OUTPUT CHANNELS		DISK STORAGE (See Attached Note 2, "Drum/Disk Storage")								
max. no.	max. units/channel	Controller			unit #	module capacity millions words*	access time/millisds	transfer rate *char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
Up to 5 Input/Output Processors with up to 32 subchannels each (a total of 160 I/O channels)	88	7201	8	\$ 8,000	7202	0.75	17 average	187,500	08	\$405
		7211	8	18,000	7203	1.5	17 average	187,500	08	\$610
					7204	3.0	17 average	187,500	08	\$790
					7212	4.2	17 average	2,045,000	08	\$900

DRUM STORAGE (See Attached Note 2, "Drum/Disk Storage")						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		7321	40	\$225	7322	60,000 bytes/sec	320	\$585
						7361	40	\$155	7323	120,000 bytes/sec	320	\$855
						7371	40	\$270	7362	20,000 ch/sec	80	\$500
									7372	60,000 ch/sec	320	\$585

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
8471	M ₅	\$450	7120	400	160	\$360	7160	300	0 ₁₆₀	\$720	7061/7062	300	0 ₁₆₀	\$205
8481	M ₅	\$450	7140	800	160	\$540								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* Bytes (= 8 bits)

NOTE: All rental prices quoted are SDS 4-year fixed-term lease

Sigma 7

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
7063	120 cps	0 ₁₆₀	\$55	7440	600	0 ₁₆₀	\$790	-	-	-	-
				7445	1000	0 ₁₆₀	\$900				

INQUIRY			VISUAL DISPLAY			COMMUNICATIONS				
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
7550	0 ₁₀₂₄	\$225	NOTE: For visual display purposes, SDS provides the Model 7550 Multipurpose Keyboard Display. This unit (listed here under the heading "INQUIRY/VISUAL DISPLAY") combines the functions of an inquiry/response device and a visual (Cathode-Ray Tube) display.			7601	40	All Optional	Yes ↓	
			7602	20	\$160					
			7603	N/A	18					
			7611	16	241					
			7612	128	6					
			7613	128	36					
			7615	1024	9					
			7616	1024	9					
			7618	N/A	\$125					

CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER
7010	160	optional	\$135	\$5,000	\$650,000	\$1,300,000	-	yes	IV	Basic Control Monitor Batch Monitor Universal Time-Sharing Monitor SYMBOL META-SYMBOL
7020 ⁴	160	optional ⁴	\$180							

FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES
		Standard Number	Optional Number			
optional	standard	7	224	optional	12/66	1. The Sigma 7 computer system uses memory mapping which allows dynamic hardware relocation and has other features oriented to multi-processing and time sharing. 2. Recent developments in the computer industry have invalidated the distinction between drum and disk storage. In the past, drum storage utilized one read/write head per track whereas disk storage utilized moveable read/write heads. Consequently, drum storage provided faster access and higher transfer rates than disk files. At present, however, some drum stores utilize moveable read/write heads while some disk stores utilize one read/write head per track. This means that the only valid distinction between disk and drum is the physical shape of the rotating magnetic surface. SDS provides both disk and drum storage; both types utilize one fixed read/write head per track. These units are identified solely by their access time and transfer rate.

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

A minimum computer configuration must include at least one input/output device. This can either be a console typewriter with paper tape I/O system (Model 7020), or it can be a card or magnetic tape device. Because Model 7020 is the least expensive means of providing both input and output, it is usually cited as the one peripheral unit necessary for a minimal machine configuration. All peripheral units except the I/O Control Unit are optional, but some type of I/O system is needed for a minimum useful configuration. The I/O Control Unit (Model 8471 or Model 8481, listed on Sheet 1) is necessary in order to operate any machine configuration.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price (purchase)	capacity 1000s words	memory module size	rental/module ¹	storage cycle time in microsecs	word size/bits ^{1a}	characters/word *
8201	N/A	\$50,000	4 to 131	4096 words	\$740, 1st module \$400, for each additional module	0.850	32 bits plus parity	4*

INPUT/OUTPUT CHANNELS		DISK STORAGE (See attached Note 2, "Drum/Disk Storage")								
max. no.	max. units/channel	Controller			unit #	module capacity millions words *	access time/millids	transfer rate *char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price (purchase)						
Up to 8 Input/Output Processors with up to 32 subchannels each (a total of 256 I/O channels)	88 units per Input/Output Processor	7201	64 (8 per Input/Output Processor)	\$ 8,000	7202	0.75 *	17.0 average ↓	187,500 *	08 ↓	\$405
					7203	1.5		187,500		\$610
					7204	3.0		187,500		\$790
					7212	4.2		2,045,000		\$900
		7211	64 (8 per Input/Output Processor)	\$18,000						

DRUM STORAGE (See attached Note 2, "Drum/Disk Storage")						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/milliseocs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
NOTE 2: DRUM/DISK STORAGE Recent developments in the computer industry have invalidated the distinction between drum and disk storage. In the past, drum storage utilized one read/write head per track whereas disk storage utilized moveable read/write heads. Consequently, drum storage provided faster access and higher transfer rates than disk files. At present, however, some drum stores utilize moveable read/write heads while some disk stores utilize one read/write head per track. This means that the only valid distinction between disk and drum is the physical shape of the rotating magnetic surface. SDS provides both disk and drum storage; both types utilize one fixed read/write head per track. These units are identified solely by their access time and transfer rate.						7321	64	\$225	7322	60,000 bytes/sec	512	\$585
						7361	64	\$155	7323	120,000 bytes/sec	512	\$855
						7371	64	\$270	7362	20,000 ch./sec.	128	\$500
									7372	60,000 ch./sec.	512	\$585

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
8271	{ Mi } { O7 }	\$450	7120	400	256	\$360	7160	300	O256	\$720	7061/ 7062	300	O256	\$205
8281	O7	\$450	7140	800	256	\$540								

Note = All rental prices quoted are 4-year, fixed-term lease

- Star with number indicates bytes, if byte machine.
- M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
- Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

* Bytes

Sigma 5

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
7063	120 cps	○256	\$55	7440	600	○256	\$790	--	--	--	--
				7445	1000	○256	\$900				
INQUIRY/VISUAL DISPLAY			VISUAL DISPLAY (See INQUIRY)			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability ⁵	audio response ⁵	
7550	○1024	\$225	NOTE: For visual display purposes, SDS provides the Model 7550 Multipurpose Keyboard Display. This unit (listed here under the heading "INQUIRY/VISUAL DISPLAY") combines the functions of an inquiry/response device and a visual (Cathode-Ray Tube) display.			7601	256	\$160	No ↓	No ↓	
						7611	16	\$241			
						7613	128	\$ 36			
						7615	1024	\$ 9			
						7616	1024	\$ 9			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN ⁴	OTHER ⁷	
7010	256	Optional	\$135	2,000	\$300,000	\$750,000	--	yes	IV and IV-H (also High Efficiency and conversational versions)	Basic Control Monitor Batch Processing Monitor Symbol Meta-Symbol } symbolic assemblers Sort/Merge 1401 Simulator	
7020†	256	Optional†	\$180								
FLOATING POINT ⁶	INDIRECT ADDRESS ⁶	INDEX REGISTERS		PRIORITY INTERRUPT ⁶	First delivery date	NOTES ⁸					
		Standard Number	Optional Number								
Optional	Standard	7	112	Optional	4th Quarter 1967	1. Peripheral Equipment Tester (PET), Model 7901, permits Sigma peripheral devices to be monitored, tested, and adjusted without interrupting the operation of the Input/Output Processor or CPU. 2. See attached sheet for Note 2, "Drum/Disk Storage".					

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

† A minimum computer configuration must include at least one input/output device. This can either be a console typewriter with paper tape I/O system (Model 7020), or it can be a card or magnetic tape device. Because Model 7020 is the least expensive means of providing both input and output, it is usually cited as the one peripheral unit necessary for a minimal machine configuration. All peripheral units except the I/O Control Unit are optional, but some type of I/O system is needed for a minimum useful configuration. The I/O Control Unit (Model 8471 or Model 8481, listed on Sheet 1) is necessary in order to operate any machine configuration.

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PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/bits	characters/word
not a modular system			not applicable		not applicable	not applicable		not applicable

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable	not applicable	not applicable			Single Standard not removable	10 words (9 specified reg. and a buffer)	50	30		Lease available

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit		
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
not applicable		not applicable		not applicable		not applicable			not applicable		

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			TCR-20	serial	2	\$3,450 sale rentals available	TCR-30	10-30 char/sec tab or edge cd.	2	\$1,900 sale rentals available	210 optomatic reader	30 char/sec.	2	\$910 sale min. con.

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
211 verti-pch (parity ck) may be equipped to pch. unit or edge-pched words	30	2	\$1010 sale (excluding spec. cd. pch. feature)	I/O typewriter auxiliary printer 10-20 (e) output char/sec. only)		Min. Con. optional	not applicable		not applicable		
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not applicable	not applicable		not applicable			not applicable	not applicable	not applicable	not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
	not applicable	not applicable		\$11,990 sale		\$14,500 sale					
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
Not available	Not available	Not available	Not available	Not available	Announced 1/64						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

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Univac 1004	1, 2
Univac 1004 II, III.....	3, 4
Univac III.....	5, 6
Univac 1107.....	7, 8
Univac 1050 III.....	9, 10
Univac 418	11, 12
Univac 1001.....	13, 14
Univac 1108.....	15-17
Univac 1005	19, 20
Univac 494.....	21, 22
(Either Unit or Multi-Processor)	
Univac 9200.....	23, 24
Univac 9300.....	25, 26

SOFTWARE

ART: assembler for real time
1107 SLEUTH: assembly program

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
not a modular system		\$1,150 mo.	1.0 or 2.0	961 char.	\$100	8	not applicable	not applicable

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		not applicable		not applicable		not applicable		not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			1004I	400	M ₁	Included in base price	card punch	200	1 0	300	paper tape	400	0 ₁	\$150

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
paper tape punch	110	O ₁	\$250	1004I	400	M ₁	Included in base price of 1004 1004 and 1005		not applicable		not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not applicable			not applicable		DLT 1 or 2	1	\$200		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
	not applicable		not applicable	\$1150	\$1400	\$1500			not applicable		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	N/A	N/A	N/A	6/62						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
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 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
not a modular system	-	\$1275/mo.	1.0 or 2.0	961	\$100	6.5	-	-

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		not applicable	not applicable		III	34KC	2	\$500 1st. 300 2nd.

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			1004 II & III	615	M ₁	Included in base price	card punch	200	1 0	300	paper tape	400	O ₁	\$150

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

Univac 1004 II, III

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
paper tape punch	110	O ₁	\$250	1004 I & II	600	M ₁	Included in base price of 1004 and 1005	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable		not applicable		not applicable		DLT 1 or 2	1	\$200		not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
not applicable		not applicable		\$1,150	\$1,400	\$1,500	not applicable		-		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	N/A	N/A	N/A	6/62						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
4118	one (32K)	\$8,000 to \$12,030	32K	8 K	\$ 8 to 16K: \$1,400 16 to 24K: \$1,600 24 to 32K: \$1,030	4	27	4 alpha 6 numeric

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
8	16	not applicable	not applicable	-	not applicable	not applicable	not applicable	not applicable		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		5300-00	1	\$2,900	0850-00	200KC	16	\$750

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			0703-00	700	8	\$750	0652-00	300	8	\$850	0901-00	1,500 110 punch	08	\$1600

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

COMPUTER

Univac III

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
(see paper tape read)				0752-00	700	08	\$1,650		not applicable		not applicable
211	30 char./sec.	2	sale\$1010	I/O Typewriter 10-20 char./sec. standard							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not applicable			not applicable	not applicable		not applicable		not applicable	not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
-	1	standard	Min/con.	\$18,150	\$22,500	\$35,000	yes	yes	yes	Exec. math pak Linear Prog.	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	standard	9	6	standard	6/62	Adapter for on line. Univac 418 system is available This offers a real time controller on line					

1. Star with number indicates bytes, if byte machine.

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PROCESSOR			Internal Storage—if drum label capacity D xxx						INPUT/OUTPUT CHANNELS	
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word	max. no.	max. units/channel
7200	1	\$19,750	none						16 see subsystem description	none
CORE MEMORY										
7232			32,768	2-16K banks	\$ 9,000	4.0 us.	36	6		
7233			49,152	1-32K, 1-16K; bank	13,500	4.0 us.	36	6		
7234			65,536	2-32K banks	17,750	7.0 us.	36	6		

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/millisechs.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit		
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
7432	(FH-880 MAGNETIC DRUM) 786,432 wds. avg. 17 ms.		360K chars/sec.	8 drums/subsys	\$2,000	UNISERVO IIC SUBSYSTEM					
7427	(FH-880 Control Unit Synchronizer) (1 required to control up to 8 drums)				\$1,440	UNISERVO IIC Synchronizer: 7273 up to 15 \$2,600 Tape Adapter Cabinet 7424 up to 15 \$1,000			UNISERVO IIC 0851-03 22.5 kc 12 \$800 (plus special quote for 800 ppi) 62.5 kc 90 kc		

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/millisechs.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit		
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
6010	(FASTRAND I MAGNETIC DRUM) 11,010,048 wds. avg. 92 ms.		150K chars/sec.	8 units per subs	\$3,300	UNISERVO IIIA SUBSYSTEM					
7433	FASTRAND II CONTROL UNIT SYNCHRONIZER (1 required to control up to 8 units)				\$2,750	UNISERVO IIIA Control and Synchronizer - Single channel 8003-08 up to 15 \$3,800 (read or write)			UNISERVO IIIA Control and Synchronizer - Dual channel 8003-11 up to 7 5,000 (read and write) 8003-13 UNISERVO Power Supply 8142 1 per subsys. \$ 550		
									UNISERVO IIIA 0850-02 100-120 kc 16 \$750		

MAGNETIC TAPE							I/O CONTROL UNIT			CARD READER			
Control			Tape unit				unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit
unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit							
UNISERVO IIA SUBSYSTEM							SEE INDIVIDUAL SUBSYSTEMS			CARD CONTROL AND SYNCHRONIZER UNIT			
7214	UNISERVO IIA Control and Synchronizer up to 15	\$1,550							7240 (For 600 cpm Reader and 150 cpm punch) 7277 (For 600 cpm Reader and 300 cpm punch)				
8142	UNISERVO II Power Supply 1 per 7214	\$ 550							card reader 7906-02 600		1 per control	\$350	
			UNISERVO IIA 0854-02	25kc	12	\$450							

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Univac 1107

CARD PUNCH				PAPER TAPE READ				PAPER TAPE PUNCH				PRINTER			
unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³	unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³
			\$1,850	7423	Read-400cps up to 15		\$900	SEE PAPER TAPE READER				HIGH SPEED PRINTER SUBSYSTEM			
			1,850				(includes reader, punch & control synch.)					Control and Synchronizer Unit			
card punch					punch-110 cps							7299-00		1 HSP	\$1,750
7224	150	1 per control & synch.	500									7299-01		2 HSP	\$2,750
0650-01	300	1 per control & synch.	1,150									High Speed Printer			
												0751-01	700/922	up to 15	\$ 800
MICR/OPTICAL READER				INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	documents/minute	max. units/system ²	mo. rental/unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
AVAILABLE VIA A SPECIAL PRICE QUOTATION				AVAILABLE VIA A SPECIAL PRICE QUOTATION			AVAILABLE VIA A SPECIAL PRICE QUOTATION			DATA COMMUNICATION TERMINAL					
										Data Communication Terminal Basic Set					
										8552-00 up to 15 \$250 Limited					
										(Includes Cabinet, cables, operator and Maintenance Panels)					
										Features:					
										F0614-00 2 per 8552-00 \$100 (Power Supply)					
COMMUNICATIONS					CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE					
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum				
F0615-00	6 per 8552-00 (an F0614-00 is required for every 3 F0615-00)	\$250 (Comm.	Terminal Synchronous Module		-	1	std.	Included in operator's console	\$37,640	\$50,000	\$100,000				
F0616-00	Broad Band Interface	\$100	Character Transfer												
F0617-00	Unattended answering service	\$ 5													
F0618-00	Automatic calling	\$ 50													
UNIVAC 1004 INTERFACE/ADAPTERS*															
SOFTWARE				FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date						
ALGOL	COBOL	FORTRAN	OTHER			Standard Number	Optional Number								
yes	yes	yes	SLEUTH I, SLEUTH II, EXEC I, EXEC II, Linear Programming PERT COST, APT III, GPSS, Math Routines Statistical Routines	std.	std.	16	-	std	9/62						

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unit	max. units system	mon. rental per unit	time sharing capability	audio response
F0597-00	1 per 1004	\$200	(6 bit character transfer)	
F0597-00	1 per 1004	\$200	(36 bit word transfer)	

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/ bits	characters/ word
0500	-	\$1185	32KCH	4KCH	\$325	4.5 ms	6 bits	1 alpha

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/ channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/ controller ²	monthly rental per module ³
		unit #	max./system	price						
8 general purpose channels 3 input/3 output of 4th employed monocard (magnetic cd.)	122,880 char./disk sngl disk removable	\$7,500	not applicable		not applicable		6 ms. mim. 180 avcs 360 max.	not applicable	\$7,500	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/ millisecs.	transfer rate char/sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
0900	66 mil. ch.	92 ms	183 KC	° 8	\$3300	0551	° 1	\$995	0850	100-133KC	° 6	\$750
6010	132 mil. ch.	92 ms	183 KC	° 8	3800	0556	° 1	995	0851	22.5-62.5KC	° 6	750
6011	11 mil. ch.	67.5 ms.	183 KC	°16	900 master 600 slave	05307	° 1	600	0858	22.5-90KC	°16	500 master 300 slave one master controls 3 slaves.

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
not applicable			706	600 900	° 1	\$225 380	0600	200 300	° 1	\$400 665	903	300-1000	° 2	\$200 385 235
											5005	Control for read and punch	° 2	

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COMPUTER

1050III

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
903	110	02	\$165	755	600 922	02	\$800	not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Console to disk 2201 remote 20 4600/unit random access			not applicable		not applicable	F0900	02	\$ 675 1000	not applicable	not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE RENTAL		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
F0701	01	optional	\$90	\$2935	\$6000	\$15000	-	yes	yes	Exec I/O lib. Utility Assembler Regent	
0601	-	standard	-		Apply .03% rental factor						
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	N/A	7	-	standard	12/20/63						

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** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
II		\$82,800 for processor. Integrated console and keyboard printer, 1st 4K of core memory, 1st 8 I/O channels and 8 index registers	65	4.096 18 bit words	\$350	2 m	18	3 6 bit

INPUT/OUTPUT CHANNELS		DRUM STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
16	Varies by type of subsystem; on communication subsystem, max. of 2 64 line controllers; any number of I/O devices may be interfaced to the 64 input and 64 output lines.	none	not applicable		FH 200	65,000 18 bit words	8.5 ms. avg.	23,100 from 4 word interlace	16	\$1,000 incl. control unit
					FH330	262,144 18 bit words	8.5 ms. avg.	90,000 from 2 word interlace	80	\$1,200 per drum plus \$800 control unit
					FH880	1,639,530 18 bit words	17 ms. avg.	180,000 from 2 interlace	128	\$2,000 per drum + \$1420 control

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
Fast-rand I	22,020,096 18 bit words	92 ms. avg.	52,600 from 3 sector interlace (168 6 bit char/sec. sector	128	\$3,300 per drum + \$1000 control unit	VIII C	8	\$1450	VIII C	96,000	128	\$800
Fastrand II modular	44,040,192 18 bit words	92 ms. avg.	52,600	128	\$3,800 per drum + \$1000 control unit	VI C	16	600	VI C	34,160	256 (64 masters 192 slaves)	500 Ms 300 slv
Fastrand	3,670,016 18 bit words	67.5 ms. avg.	52,600	256	\$900	IV C	16	1085	IV C	90,000	192	800
						III C	16	985	III C	62,550	192	750
						III A	8	2750	III A	100,000	128	750
						II A	8	1900	II A	25,000	112	450

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
1004I card processor subsystem	16	\$1150 incl. card reader and printer	1004I	400	32	\$180 for 2nd reader on any 1004	2009 or 2011	200	16	\$300	0902	400	16	\$150
1004II or III card processor sub.	16	\$1275 incl. card reader and printer		615 400	16 16	Incl. in 1004 \$180 for aux. 400 cpm reader	2009 or 2011	200	16	300	0902	400	16	150
card syn. & C. V. #5010-00 for card reader & punch	8	\$750	0706-00	800/900	8	\$380	0600-00	300	8	665	F0603 on 418 console	200 cps reading & 110 cps punching	1	150

- Star with number indicates bytes, if byte machine.
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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
F0606 read punch on 1004I, II or III See F0603 P. T. read punch	400 cps reading; 100 cps punching	16	\$250	Incl. in 1004I, II or III 7299-00 0751-00 printer	400 700/922	16 16	Incl. in 1004I, II or III rental \$750 for C. V. for 2 printers; \$800 each for printers	-	-	-	-
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
Uses keyboard of console, paper tape reader, teletypewriters, teleregister CRT and most devices on the market may be interfaced either on a 418 I/O channel, on an on-line 1004, or via the communications terminal module controller.			Devices from the several CRT manufacturers can be interfaced to the 418 either directly via I/O channel, on an on-line 1004 or thru the communication subsystem.			Communication Terminal Module Controller w/64 positions Low speed, med. speed, high speed	2 32 32 32	\$650 60 75 90	yes yes yes	no no no	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
3010-13	1	standard	Included in processor rental; together with 4K core memory and 8 I/O channels, @ \$2300	\$5350	Average Small System: \$300,000	Average Large System: \$870,000	-	-	yes	ART	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
software	yes	8	-	yes	9/64						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microsecs	word size/ bits	characters/ word
not a modular system		\$450 mo.	25	not applicable	not applicable	12	not applicable	not applicable

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/ millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
not applicable	not applicable	not applicable			not applicable	not applicable			not applicable	

DRUM STORAGE					MAGNETIC TAPE							
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		not applicable			not applicable			not applicable

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/system	rental/ unit	unit #	cpm out	max. units/system ²	rental/ unit ³	unit #	char./ sec. in	max. units/system ²	rental/ unit ³
not applicable				not applicable			not applicable				not applicable			not applicable

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
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PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
not applicable		not applicable		not applicable		not applicable		not applicable		not applicable	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
not applicable			not applicable		not applicable	not applicable		not applicable			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
not applicable		not applicable		\$ 450	\$ 485	\$ 520	not applicable		not applicable		
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
not applicable	not applicable	not applicable	not applicable	not applicable	11/65						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
1108 CENTRAL PROCESSOR								
3011-99	3	\$15,500 each						
MAIN STORAGE								
7005-94			65,536	1 65K	\$10,000/65K	.750 us.	36 bits	6
7005-93			131,072	2 65K	10,000/65K	.750 us.	36 bits	6
7005-92			196,608	3 65K	10,000/65K	.750 us.	36 bits	6
7005-91			262,144	4 65K	10,000/65K	.750 us.	36 bits	6

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/milliseeds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit		
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
FH-432 MAGNETIC DRUM SUBSYSTEM						UNISERVO VIIC SUBSYSTEM					
FH-432 Drum and Control Synchronizer						UNISERVO VIIC Control and Synchronizer					
6013-00	262,144 wds.	avg. 4.25 ms.	1,440,000 char./sec.	(3 units, min., 9 units max.)	\$3,000	5008-12	1	\$100	(R/W)	up to 15	\$1,450
FH-432 Drum Unit						UNISERVO VIIC Auxiliary Control and Synchronizer					
F0696-00	262,144 wds.	avg. 4.25 ms.	1,440,000 char./sec.		\$1,000	5008-13	1	\$100	(Required for Dual Channel Operations, i.e., R and W)	up to 15	\$1,450
						Controls up to 16 UNISERVOS of any Combination of UNISERVOS VIC and VIIC.					

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/milliseeds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit		
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
FH-880 MAGNETIC DRUM SUBSYSTEM						OPTION S					
FH-880 Drum Control and Synchronizer						F0627-04					
7247-03					\$1,440	F0627-03	1	\$100	(Hardware code translator for 5008-12)		
FH-880 Drum Unit						UNISERVO VIIC Non-Simultaneous					
7304-01	786,432 wds.	avg. 17 ms.	360,000 ch/sec.	8 per subsys.	\$2,000 each	0859-00	1	\$800	(7 chan.)	16	\$800
						UNISERVO VIIC Simultaneous					
						0859-02					
						(Required for R and W Simultaneity)					

DRUM STORAGE						MAGNETIC TAPE					
unit #	capacity 1000s words	access time/milliseeds.	transfer rate char./sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit		
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system
FASTRAND II MAGNETIC DRUM SUBSYSTEM						UNISERVO VIC SUBSYSTEM					
FASTRAND II Control and Synchronizer						UNISERVO VIC Control and Synchronizer					
5009-00	Single Channel (R/W)				\$1,200	5008-00	1	\$700	(R/W)	up to 15	\$700
5009-01 Dual Channel (R and W)						UNISERVO VIC Auxiliary Control and Synchronizer					
FASTRAND II Drum						(Required for Dual Channel Operations, i.e., R and W)					
6010-00	22,020,096 wds.	avg. 92 ms.	150,000 ch/sec.	8 per subsys.	\$3,800 ea.	5008-01	1	\$700		up to 15	\$700
						OPTION S:					
						F0627-04					
						(Hardware code translator for 5008-00)					

- Star with number indicates bytes, if byte machine.
 - M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 - Sales price indicated by subscript to S, where system is for sale only.
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DRUM STORAGE						MAGNETIC TAPE								
unit #	capacity 1000s words	access time/ millisecds.	transfer rate char./sec.	max. units/ system ²	monthly rental per unit ³	Control			Tape unit					
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit		
FASTBANDS for FASTRAND II						F0627-03	1	\$100	(Hardware code translator for 5008-01)					
F0686-01	43,008 wds.	avg. 35 ms.	150,000 ch/sec	1/FASTRAND II	\$200				UNISERVO VIC MASTER*	4	\$500			
WRITE LOCKOUT				1/FASTRAND II	\$25				UNISERVO VIC MASTER*	4	\$550			
F0688-01									UNISERVO VIC, SLAVE, 7 Channel	12	\$300			
									*Controls up to 3 slaves.					
I/O CONTROL UNIT			CARD READER			CARD PUNCH			PAPER TAPE READ					
unit #	max. no./ system ²	rental/ unit ³	unit #	cpm in	max. units/ system	rental/ unit	unit #	cpm out	max. units/ system ²	rental/ unit ³	unit #	char./ sec. in	max. units/ system ²	rental/ unit ³
5013-00 up to 4 (4 I/O channels) \$4,000			CARD SUBSYSTEM								PAPER TAPE SUBSYSTEM			
4 add'l I/O channels			Card Control and Synchronizer								7423-02	400	up to 15	\$645
F778-00	up to 3	\$ 500	5010-00		up to 1 ⁵	\$750								(Includes punch unit)
ESI BUFFER EXPANSION (Additional 256 Buffer Control Words)			Card Reader								Card Punch			
F0790-00	1	\$ 750	0706	900	1/subsystem	\$380	0600-00	300	1 subsystem	\$665				
PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER						
unit #	char./sec. out	max. units/ system ²	mo. rental per unit ³	unit #	lpm	max. units/ system ²	mo. rental per unit ³	unit #	documents/ minute	max. units/ system ²	mo. rental/ unit ³			
7423-02	110	up to 15	SEE READER	PRINTER SUBSYSTEM				AVAILABLE VIA A SPECIAL PRICE QUOTATION						
				Printer Control and Synchronizer										
				7299-03		up to 15	\$750							
				Printer										
				0755-00	700 a/n 922 num	1 subsystem	\$750							
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS								
unit #	max. units/ system ²	mo. rental per unit ³	unit #	max. units/ system ²	mo. rental per unit ³	unit #	max. units/ system ²	mo. rental per unit ³	time sharing capability	audio response				
AVAILABLE VIA A SPECIAL PRICE QUOTATION			AVAILABLE VIA A SPECIAL PRICE QUOTATION			DATA COMMUNICATION TERMINAL								
						Data Communication Terminal Basic Set								
						8552-00	up to 15	\$250	Limited					
						(Includes cabinet cables operator and maintenance panels)								
						Features:								
						F0614-00	2 per 8552-00	\$100 (Power Supply)	NO					
						F0615-00	6 per 8552-00	\$250	comm terminal synchronous module					
						(an F0614-00 is required for every 3 F0615-00)								
						character transfer								

1. Star with number indicates bytes, if byte machine.
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 ** Purchase price, if not available on rental basis.

COMPUTER Univac 1108

INPUT/OUTPUT CHANNELS		COMMUNICATIONS					COMMUNICATIONS				
max. no.	max. units/channel	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response
16	SEE SUBSYSTEMS DESCRIPTION	F0616-00	Broad band interface	\$100			Features: F0614-01 F0771-02	2 per 8552-01 6 per 8552-00 (an F0614-00 is required for every 3 F0615-00)	\$100 (Power Supply) \$445 (Word Terminal Synchronous Module (Word Transfer))		
		F0617-00	Unattended answering service	\$ 5			F0772-03	broad band interface	\$100		
		F0618-00	Automatic calling	\$ 50			F0772-00	voice band interface	\$ 5		
		DATA COMMUNICATION TERMINAL					F0722-01	unattended answering service	\$ 5		
		Data Communication Terminal Basic Set			Limited	NO					
		8552-01	up to 15	\$250							
		(Includes cabinet, cables, operator and maintenance panels.)									
COMMUNICATIONS					COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
F0772-03	automatic calling	\$ 50			F0901-04	up to 16/CTMC	\$ 60	yes	No		
UNIVAC 1004 Interface Adapters					(Asynch. 5, 6, 7, 8 level. 2 input, 2 output)						
F0597-03	1 per 1004	\$200	(36 bit word transfers)		F0902-02	up to 16/CTMC	\$ 75	yes	No		
COMMUNICATION SUBSYSTEM					(Asynch. 5, 6, 7, 8 level. 2 input, 2 output)						
Communication Module Controller (CTMC) (multiplexor)					F0903-02	up to 16/CTMC	\$ 90	yes	No		
F0900-05	up to 15	\$650	yes	No	(Synch. 5, 6, 7, 8 level. 2 input, 2 output)						
(Controls up to 16 comm. Terminal Modules)											
COMMUNICATIONS					CONSOLE TYPEWRITER			MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		
unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	unit #	max./system	standard, optional, not avail.	rental/unit ³	average	maximum	
CLT	Automatic Dialing - 1 Output				-	1 per console	std.	Included in CP Price	\$36,125	\$60,000	\$150,000+
F0905-00	32/CTMC	\$ 20									
CLT	PARALLEL OUTPUT										
F0904-00	up to 32/CTMC	\$ 35	yes	No							
CLT	PARALLEL INPUT										
F0904-01	up to 32/CTMC	\$ 35	yes	No							
SOFTWARE				FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date		
ALGOL	COBOL	FORTRAN	OTHER			Standard Number	Optional Number				
yes	yes	yes	Assembler. EXEC II, 1108 EXEC Linear Programming. PERT COST APT. IV, GPSS, Math Pack. Stat Pack. FORTRAN V, COBOL, ALGOL	std.	std.	16		std.	12/65		

1. Star with number indicates bytes, if byte machine.
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 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
not a modular system	-	\$1,450/mo.	2.0 or 4.0	2K	\$50	6.5 & 8	not applicable	not applicable

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
not applicable		not applicable		not applicable		not applicable			VI C	34KC	2	\$500 1st 300 2nd

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not applicable			1005 I 1005 II & III	400 615	M ₁ M ₁	Included in base price	card punch	200	1 0	\$300	paper tape	400	O ₁	\$150
			Aux RDR *1001	400 1000	O ₁ M ₂	\$180 \$450								

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

* 1001 Card controller may be used as an additional card input device.

COMPUTER Univac 1005

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
paper tape punch	110	O ₁	\$250	1005 I 1005 II & III	400 600	M ₁ M ₁	Included in base price 1004 and 1005		not applicable		not applicable
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not applicable:			not applicable			DLT 1 or 2	1	\$200	not applicable	
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
	not applicable		not applicable	\$1450	\$1,775	\$1805			not applicable	RPG Assembly system	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
N/A	standard	N/A	N/A	N/A	2/66						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

PROCESSOR			Internal Storage—if drum label capacity D xxx					
model #	max. units per system	price	capacity 1000s words	memory module size	rental/module	storage cycle time in microseconds	word size/bits	characters/word
3012-99	3	Purchase \$391,000 Rent 7,395	131K	16K 32K 65K 98K 131K	\$ 3,700/mo. 5,380/mo. 9,230/mo. 13,015/mo. 16,800/mo.	Actual 75 Effective 375	30 bits	5 A/N

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
24 per C. P. U. 16 per I. O. C. 104 per System	From 1 to 16 units/channel depending on subsystem being used	FH432 FH880 FH432/1782 FASTRAND II	*M-1 per chan. *0-1 per chan. *0-1 per chan. *0-1 per chan.	\$2410 incl. / \$1125 \$1595 \$ 985		not available	not available	not available		
				/ 1 drum						

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecds.	transfer rate char/sec.	max. units/sub-system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
FH-432	262K	4.25MS	1,200,000	*M-9 per chan.	\$ 820	VIC IBM	*1 per channel	\$ 600	VIC			
FH-880	786K	17 MS	300,000	*0-8 per chan.	1,645	Compatible	each controls up to 16 tape drives		master	34 KC	4	\$ 335
FH-1782	2,097K	17 MS	1,200,000	*0-8 per chan.	2,265	**			VIC slave	34 KC	12	200
FASTRAND II	25,952K	92 MS	125,750	*M-8 per chan.	3,165	VIIC IBM	*1 per channel		VIIC	96 KC	16	630
						Compatible	16 drives each	1205				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ/PUNCH			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
5013-01	3	\$3,265	0706-99	900	*M-1 per channel	\$250	0600-00	300	*0-1 per channel	\$415	8136-00	In 400 Out 110	6 Two per C. P. U. or one per console	\$480
I/O controller	Each handles 16 I/O channels	Used to expand the number of I/O channels available on the system & allow data storage without using CPU cycles.												

- Star with number indicates bytes, if byte machine.
 - M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 - Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

UNIVAC 494

COMPUTER Univac 494

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER			
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³
See PT reader		not available		0755-00	922	*M-1 per channel	\$500			not available	
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS					
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response	
	not available			not available		0900-06	*Control 1 per chan.	\$480	yes	none	
						0901-04	L/S CLT 64/con.	45	yes		
						0902-02	M/S CLT 64/con.	55	yes		
						0903-02	H/S CLT 64/con.	75	yes		
(Any commonly used communications device can be interfaced via these units.)											
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE		SOFTWARE				
unit #	max./system	standard, optional, not avail.	rental/unit ³		average	maximum	ALGOL	COBOL	FORTRAN	OTHER	
0774-00	2 per CPU 6 per system	1 standard per CPU and 1 optional per CPU	\$125 for optional unit	not available		not available		yes	IV	Assembly language	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES					
		Standard Number	Optional Number								
standard	standard	14	14 more with each CPU max. 42	standard		* Each control unit requires one channel and the number of control units is limited only by the number of channels on the complete computer system. Any control unit with its devices can be on any channel.					

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.

** Available with either 7 or 9 channel recording. VIC & VIIC units can be intermixed on one control unit.

PROCESSOR				Internal Storage—if drum label capacity D xxx						
model #	max. units per system	price		capacity 1000s words	memory module size	rental/module		storage cycle time in microsecs	word size/bits	characters/word
		1 year	5 year			1 year	5 year			
3030-00	1	\$330	\$295	16*	8,192* 12,288* 16,384*	\$375 \$625 \$750	\$330 \$550 \$660	1.2	8*	1 alpha 2 numeric

INPUT/OUTPUT CHANNELS		DISK STORAGE								
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millsecs	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
11	8		not available		not available		not available		not available	

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millsecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
	not available			not available			not available		not available		not available	

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
not available			0711-00	400	01	1 yr. \$135 5 yr. \$120	0603-04	75-200	01	1 yr. \$200 5 yr. \$180				not available
			Multi-file reader option Model 1001	2000	01	\$446 \$391								

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.

COMPUTER

Univac 9200

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER				
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³	
	not available			Contained in processor High speed numeric option F0865-00	250 500	M1 01	Contained in processor price 1 yr. 5 yr. \$75 \$70			not available		
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
	not available			not available			not available			not available		
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE				SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average		maximum		ALGOL	COBOL	FORTRAN	OTHER
	not available			1 year 5 year \$1,040 \$925	1 year 5 year \$1365 \$1230	1 year 5 year \$2316 \$2061			not available		Report Program Generator Card Assembler Math Pac Card I. O. C. S. Gangpunch Reproduce	
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES						
		Standard Number	Optional Number									
not available	Standard	16	not available	not available		System is upward compatible to 9300 also software compatible to 360/20 R. P. G. and B. A. L.						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system
 3. Sales price indicated by subscript to S, where system is for sale only.
 ** Purchase price, if not available on rental basis.

PROCESSOR				Internal Storage—if drum label capacity D xxx						
model #	max. units per system	price		capacity 1000s words	memory module size	rental/module		storage cycle time in microsecs	word size/bits	characters/word
		<u>1 year</u>	<u>5 year</u>			<u>1 year</u>	<u>5 year</u>			
3030-02	1	\$725	\$650	32*	8,192* 12,288* 16,384* 32,768*	\$ 550 850 1,000 1,800	\$ 490 750 880 1,580	6	8*	1 alpha 2 numeric

INPUT/OUTPUT CHANNELS			DISK STORAGE							
max. no.	max. units/channel	Controller			unit #	module capacity millions words	access time/millisds	transfer rate char/sec	max. units/controller ²	monthly rental per module ³
		unit #	max./system	price						
11	8		not available		not available			not available		

DRUM STORAGE						MAGNETIC TAPE						
unit #	capacity 1000s words	access time/millisecs.	transfer rate char/sec.	max. units/system ²	monthly rental per unit ³	Control			Tape unit			
						unit #	max. per system	rental/unit	unit #	transfer rate—ch./sec.	max. units/system	mon. rental/unit
	not available			not available			Consists of 1 Uniservo VI C control unit and 2 tape handlers	<u>1 yr.</u> <u>5 yr.</u>	0858-14	34,000	16	<u>1 yr.</u> <u>5 yr.</u>
						0858-99	2	\$875 \$685				
						0858-10	2	\$500 \$450				

I/O CONTROL UNIT			CARD READER				CARD PUNCH				PAPER TAPE READ			
unit #	max. no./system ²	rental/unit ³	unit #	cpm in	max. units/system	rental/unit	unit #	cpm out	max. units/system ²	rental/unit ³	unit #	char./sec. in	max. units/system ²	rental/unit ³
	not available		0711-02	600	01	<u>1 yr.</u> <u>5 yr.</u> \$200 \$180						not available		
			Multi file reader option Model 1001	2000	01	456 391	0603-04	75-200	01	\$200 \$180				
							0604-00	200	01	\$310 \$280				
							Row Punch FQ875-00	Read/punch Feature Optional						

1. Star with number indicates bytes, if byte machine.
 2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. 0 XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.
 3. Sales price indicated by subscript to S, where system is for sale only.
- ** Purchase price, if not available on rental basis.



COMPUTER

Univac 9300

PAPER TAPE PUNCH				PRINTER				MICR/OPTICAL READER				
unit #	char./sec. out	max. units/system ²	mo. rental per unit ³	unit #	lpm	max. units/system ²	mo. rental per unit ³	unit #	documents/minute	max. units/system ²	mo. rental/unit ³	
	not available			Contained in processor High speed numeric print option F0867-00	600 1200	M1 01	Contained in processor price 1 yr. 5 yr. \$50 \$45		not available			
INQUIRY			VISUAL DISPLAY			COMMUNICATIONS						
unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	unit #	max. units/system ²	mo. rental per unit ³	time sharing capability	audio response		
	not available			not available			not available		not available			
CONSOLE TYPEWRITER				MINIMUM SYSTEM MONTHLY RENTAL**	PRICE RANGE				SOFTWARE			
unit #	max./system	standard, optional, not avail.	rental/unit ³		average		maximum		ALGOL	COBOL	FORTRAN	OTHER
	not available			1 year \$1,675	5 year \$1,495	1 yr. \$2925	5 yr. \$2615	1 yr. \$9716	5 yr. \$8696	yes	IV	Report Program Generator Card and Tape Assembler Card and Tape I. O. C. S. Math Pac Card to Tape Tape Print Sort/Merge Control Steam and Tape Utility
FLOATING POINT	INDIRECT ADDRESS	INDEX REGISTERS		PRIORITY INTERRUPT	First delivery date	NOTES						
		Standard Number	Optional Number									
not available	Standard	16	not available	not available		Software compatible to 360 Series upward compatible to 9500 to be announced.						

1. Star with number indicates bytes, if byte machine.

2. M XXX is number of units per system if the I/O device is necessary to minimal machine configuration. O XXX indicates device is optional. The subscript, XXX, refers to maximum number of units per system.

3. Sales price indicated by subscript to S, where system is for sale only.

** Purchase price, if not available on rental basis.