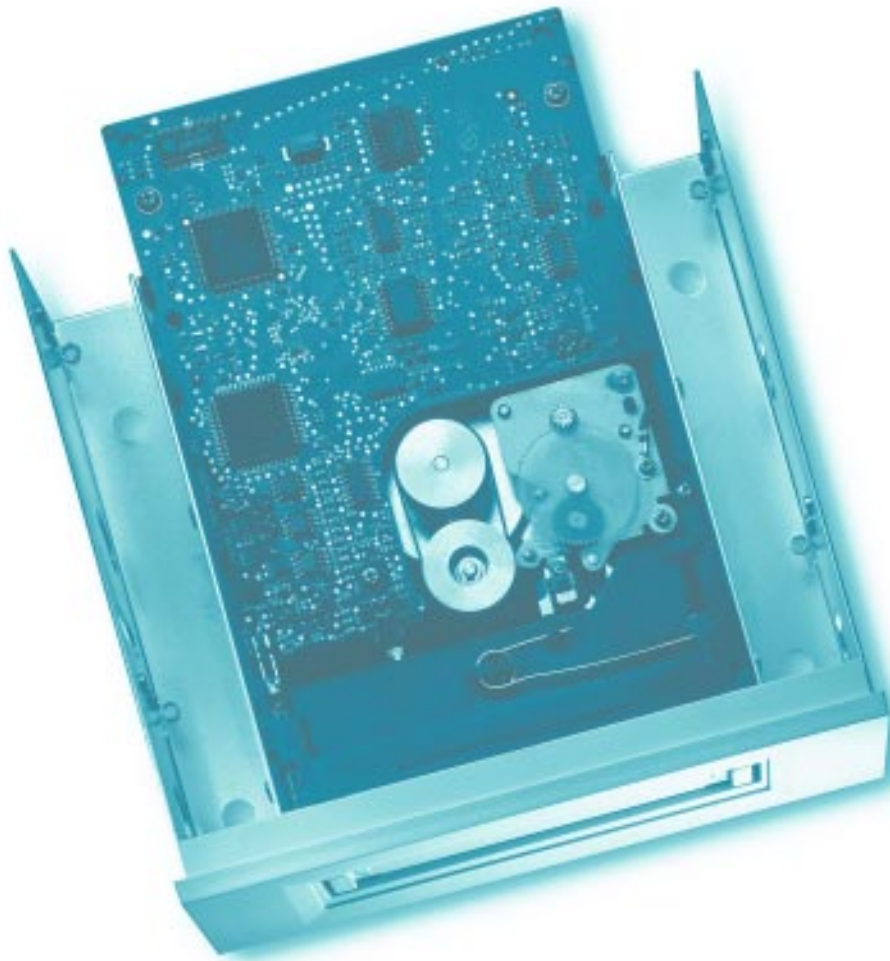


SCSI, IDE Minicartridge



High-performance multiple-platform support

Transfer rates optimized with unique FastSense™ feature

Maximum 8 Gbytes using software data compression, 4 Gbytes native

Two year limited warranty

SCSI-2 and Enhanced IDE (ATAPI) interface



The Data Technology Company

SCSI, IDE Minicartridge

General

Form-Factor	
Internal	1-inch high; configurable as 3.5-inch x 1-inch or 5.25-inch x half height (1.7")
External	Stand-alone unit with integral power supply (SCSI only)
Error Rate	<1 in 10 ¹⁵ bits
Controller Interface	
Physical (internal)	SCSI, SCSI-2 or Enhanced IDE
Physical (external)	SCSI or SCSI-2

Environmental

Operating	
Internal	5° to 45°C
External	5° to 35°C (SCSI only)
Nonoperating (both)	-40° to 65°C
Relative Humidity	20% to 80% (nonoperational); 5% to 95% noncondensing)
Wet Bulb Temperature	26°C

Expected Reliability

MTBF (20% duty cycle)	
Internal	200,000 hours
External	150,000 hours
MTTR	<20 minutes
Error-Recovery Technique	Reed retry, Reed Solomon ECC

Power Requirements

Operating	<i>CTM3200, CTM4000</i>	<i>CTT8000</i>
Internal +5V	± 5% 0.63 idle; 1.0A max stepping	± 5% 0.63 idle; 1.0A max stepping
+12V	± 10% 0.20 idle; 2.0A max running	± 10% 0.25 idle; 1.8A max standby
Watts Idle	1.5	1.0
Nominal	15.0	27 (streaming max)
Max	17.0	35 (surge max)
External (SCSI only)	120 VAC, 60 Hz— Domestic 230 VAC, 50 Hz— International Autoranging	
Surge		
Internal +12V	2.2A max	
External (SCSI only)	2.0A max	

Hardware Options

SCSI controller, media, cleaning kit

Media Compatibility

3M Travan TR4—8 Gbytes, Seagate 4000QT—4 Gbytes, Seagate 8000TR4—8 Gbytes, Sony QW-3080XLF—4 Gbytes, 3M Mini Magnus 3080—3.2 Gbytes

Warranty

2 years

Product Certification

UL1950; FCC Class B; CSA22.22; TUV EN 60 950

Logo Customization

External tape drive enclosures can be customized with individualized company logos.

Model Numbers

5.25 x 1.7 internal (inches) 3.5 x 1 internal (inches) External	4-Gbyte SCSI CTM3200R-S CTM3200I-S CTM3200E-S	4-Gbyte IDE CTM4000R-A CTM4000I-A NA	8-Gbyte SCSI CTT8000R-S CTT8000I-S CTT8000E-S	8-Gbyte IDE CTT8000R-A CTT8000I-A NA
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Capacity

Compressed				
Travan TR4 (Gbytes)	NA	NA	8.0	8.0
QIC-Wide (Gbytes)	4.0	4.0	4.0	4.0
Quarter Inch (Gbytes)	3.2	3.2	3.2	3.2
Native				
Travan TR4 (Gbytes)	NA	NA	4.0	4.0
QIC-Wide (Gbytes)	2.0	2.0	2.0	2.0
Quarter Inch (Gbytes)	1.6	1.6	1.6	1.6

Performance

Backup Rate (Mbytes/min, max)				
Native	27	27	30	30
Compressed	54	54	60	60
Tape Speed				
Read/Write (ips)	77/51/33	77/51/33	92/69/46	92/69/46
Search/Rewind (ips)	90	90	120	120
Transfer Rate (Kbytes/sec)	450/300/200	450/300/200	600/450/300	600/450/300
Tracks				
Travan	NA	NA	72	72
QIC-Wide	77	77	77	77
Quarter Inch	60	60	60	60
Recording Format	QIC-3080	QIC-3080	QIC-3095 QIC-3080	QIC-3095 QIC-3080

These 4-Gbyte and 8-Gbyte SCSI and IDE tape drives are also available as complete solution kits for DOS, Windows, Windows 95, Windows NT, Novell Netware, OS/2 and Unix. Please look for Seagate® Tape•Stor, MaynStream and CS solution kits.



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