

TAPESTOR[®] DAT

COMPLETE BACKUP SOLUTION

SCSI-2 & LVD
(ULTRA2 SCSI)



GB

UP TO 40

A COMPLETE HIGH-PERFORMANCE BACKUP SOLUTION FOR HIGH-PERFORMANCE WORKSTATIONS THROUGH MID-RANGE SERVERS

- > EACH TAPESTOR DAT VALUE BUNDLE INCLUDES A HIGH-PERFORMANCE INTERNAL OR EXTERNAL DDS TAPE DRIVE, 2 DATA CARTRIDGES, CLEANING CARTRIDGE AND VERITAS BACKUP EXEC SOFTWARE
- > UP TO 40 GB OF DATA PROTECTION PER CARTRIDGE
- > COMPRESSED DATA TRANSFER RATES UP TO 19.8 MBYTES PER HOUR
- > COMPATIBLE WITH MS WINDOWS 95/98, MS WINDOWS NT, MS WINDOWS 2000, NOVELL NETWARE, LINUX AND UNIX
- > THREE-YEAR LIMITED WARRANTY WITH REACT RAPID REPLACEMENT PROGRAM



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	TapeStor DAT 8	TapeStor DAT 24	TapeStor DAT 40
5.25-inch internal	STD28000N-RFT	STD224000N-RFT	STD2401LW-R
External	STD68000N-RFT	STD624000N-RFT	STD6401LW-R
CAPACITY			
Compressed (Gbytes) ¹	8.0	24.0	40.0
Native (Gbytes)	4.0	12.0	20.0
INTERFACE			
	SCSI-2	SCSI-2	LVD (Ultra2 SCSI)
PERFORMANCE¹			
Transfer Rate, Sustained Compressed (Mbytes/min)	66	132	330
Native (Mbytes/min)	33	66	165
Tape Speed (in/sec, mm/sec)	0.7/17.9	0.5/11.9	0.81/20.4
Search/Rewind Speed (× base DDS-1 speed)	200	200	400
Average Access Time 90 Meter Tape (secs)	30	30	9.5
120 Meter Tape (secs)	40	40	12.6
125 Meter Tape (secs)	NA	40	13.2
150 Meter Tape (secs)	NA	NA	15.8
Buffer (Mbytes)	1	2	10
Recording Method	DDS-2, DDS-DC, DDS	DDS-3, DDS-2,	DDS-4, DDS-3, DDS-2
	Helical Scan (R-DAT)	DDS-DC, DDS	DDS-DC, DDS
	ANSI/ECMA	Helical Scan (R-DAT)	Helical Scan (R-DAT)
		ANSI/ECMA	ANSI/ECMA
RELIABILITY/DATA INTEGRITY			
MTBF (20% duty cycle ²) Internal (hours)	265,000	265,000	412,000
External (hours)	150,000	150,000	200,000
Error Rate (bits)	<1 per 10 ¹⁵	<1 per 10 ¹⁵	<1 per 10 ¹⁵
Limited Warranty (years)	3	3	3
MTTR (hours)	<0.5	<0.5	<0.5
DATA CARTRIDGE			
Recommended Data Cartridge			
Seagate Model Number	34000	STMD24G	STDM40
Capacity (Gbytes)	8.0	24.0	40.0
Format	DDS-2	DDS-3	DDS-4
Length (meters)	120	125	150
Compatible Cartridge Formats			
DDS, DDS-DC (meters)	60, 90	60, 90	90
DDS-2 (meters)	120	120	120
DDS-3 (meters)		125	125
DDS-4 (meters)			150
Recommended Cleaning Cartridge			
Seagate Model Number	91301	91301	STDMCL
POWER REQUIREMENTS			
+5V ± 7% Idle/Operating (amps max)	0.44/1.0	0.44/1.0	1.2/1.35
+12V ± 10% Idle/Operating (amps max)	0.28/1.8	0.28/1.8	0.015/0.25
Watts (typ)	5.5	5.5	9.0
Auto-ranging Input Voltage (external)	100 to 240	100 to 240	100 to 240
ENVIRONMENTAL			
Operating Temperature Internal (°C)	5 to 45	5 to 45	5 to 45
External (°C)	5 to 45	5 to 45	5 to 45
Nonoperating Temperature (°C)	-40 to 65	-40 to 65	-40 to 65
Relative Humidity (% operating)	20 to 80	20 to 80	20 to 80
(%, nonoperating)	0 to 90	0 to 90	0 to 90
SOFTWARE			
Veritas Backup Exec software for	NetWare & Windows	NetWare & Windows	NetWare & Windows
	NT server;	NT server;	NT server;
	Windows NT Workstation	Windows NT Workstation	Windows NT Workstation
FORM-FACTOR			
Internal Drive: 5.25-inch × 1.7-inch (half-height); configurable to 3.5-inch × 1.7-inch (half-height)			
External Drive: Stand-alone unit with integrated power supply			

1. The capacity and transfer rate will vary with file and system configuration. Capacities are based on a 2:1 compression ratio.
2. 320,000 hours MTBF for internal TapeStor DAT 8 and 24 drives at 12% duty cycle; 483,000 hours MTBF for internal TapeStor DAT 40 drive at 12% duty cycle

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