



FASTSTOR

DLT4000, DLT7000, DLT8000 OR DLT1 DRIVE

7 CARTRIDGE POSITIONS

UP TO 560GB CAPACITY

UP TO 43GB/HOUR TRANSFER RATE

FEATURES AND BENEFITS

- Seven-tape capacity means a week or more of unattended backup and automated file recovery
- Easy to operate—dedicated backup administrator is not required
- Small size—fits into the same space as standalone drives
- Industry's broadest choice of DLT tape technology provides widest range of price/performance options
- Upgradable drive provides an easy, user-installable upgrade to newer drive technology
- Dynamic slot sensors mean real-time tape detection that eliminates slow tape re-inventories
- Barcode reader option delivers instant media verification and inventory
- 3-year FastExchange Warranty provides a replacement unit the next business day

The ADIC® FastStor™ is a seven-tape DLT autoloader that provides a full week or more of unattended network backup. Using FastStor instead of standalone tape drives eliminates the need for daily tape loading, reduces the time spent on backup and recovery, and increases data security. FastStor is easy to install and use. It's small enough to sit easily on top of a server; in rack systems, one or two units mount in only 7 vertical inches (4u). Its clear menu system makes operation easy. With a choice of DLT4000, DLT7000, DLT8000 or DLT1 drives, FastStor offers the industry's widest range of price/performance options.



FastStor is small enough to sit on a server, or for two to fit in only 4u of 19-inch rack space.

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DRIVES AND PERFORMANCE

Drive Type:	DLT4000	DLT7000	DLT8000	DLT1
Data Capacity				
Native:	140GB	245GB	280GB	280GB
with 2:1 Compression:	280GB	490GB	560GB	560GB
Transfer Rate				
Native:	90MB/min	300MB/min	360MB/min	180MB/min
with 2:1 Compression:	180MB/min	600MB/min	720MB/min	360MB/min
Backward Compatibility:	DLT2000 2000XT	DLT2000 2000XT 4000	DLT2000 2000XT 4000 7000	DLT4000 (read only)
SCSI Interface:	SE or HVD	SE or HVD	LVD/SE or HVD	LVD/SE
File Access Time (Avg):	68 seconds	60 seconds	60 seconds	68 seconds
Data Buffer:	2MB	8MB	8MB	2MB
	Cache buffer adjusts to host rates			
Media:	DLTtape IV	DLTtape IV	DLTtape IV	DLTtape IV
Recording Density:	82,000 bits/in	86,000 bits/in	98,000 bits/in	123,000 bits/in
Tracks Per Tape:	128	208	208	168
Data Compression:	On-board DCLZ with variable block size			
Recording Format:	Multiple-Track, Linear Serpentine			
Tape Capacity:	7-cartridge capacity			

OPERATION

Cartridge Change:	10 seconds maximum
Indicators:	LCD menu display for drive, media, configuration and diagnostic status; power, activity, and alarm LEDs
Controls:	4-button keypad and front panel on-off button
Interface:	High density, 68-pin, SCSI-2

RELIABILITY

Hard Error Rate:	Less than 1 in 10 ¹⁷ bits read
Tape Shelf Life:	30 years minimum (at 20°C, 40% RH)
Maintenance:	Head cleaning with DLT or DLT1 cartridge when indicated by drive, or automatic with auto clean enabled
MSBF:	Greater than 250,000 cartridge changes
MTBF:	Greater than 80,000 power-on hours
MTTR:	Less than 30 minutes
Error Correction Code:	Reed Solomon ECC; 64-bit CRC on each 4KB of data; 16-bit CRC on each record; internal parity checking on cache buffer

PHYSICAL

Dimensions:	Desktop: 9.55"W x 23.2"D x 7.5"H (24.1cm x 58.9cm x 19.0cm)
Rack Mount:	8.4"W x 23.2"D x 7"H (20.1cm x 58.9cm x 17.7cm)
Rack Height:	4u (7"/17.8 cm)
Weight:	26.5 lbs (12.0kg)
Shipping Weight:	37 lbs (16.7kg)

ENVIRONMENTAL

Electrical:	100-240 VAC, 50-60Hz, 1.2-0.6A Auto Voltage Select
Altitude:	30,000 ft (9,144m)
Temperature:	10 to 40°C operating
Humidity:	20 to 80% non-condensing operating
Noise Level:	<45 dBA
Vibration:	0.3g (5-500-5 Hz) operating Tested per ISTA for storage/shipping
Shock:	3g operating Impact tested per ISTA for storage/shipping
BTU/Hour:	280

COMPLIANCE AND CERTIFICATION

Safety:	UL-1950/CUL C22.2 No.950, TUV EN 60950
Emissions:	FCC #47, Part 15, Class B, EN 55022, VCCI, BCIQ
Immunity:	EN 50082-1
International:	CE

SOFTWARE AND PLATFORMS

Consult the most recent ADIC Software Compatibility Guide for a complete list of software and platforms compatible with FastStor. FastStor is compatible with Windows 2000.

¹ DLT4000 / DLT7000 / DLT8000 from Quantum Corporation. DLT1 from Benchmark.

For further information, contact your local ADIC dealer.

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