



FASTSTOR 22

DLT4000, DLT7000 OR DLT8000 DRIVE

22 CARTRIDGE POSITIONS

UP TO 1.76TB CAPACITY

UP TO 43GB/HOUR TRANSFER RATE

FEATURES AND BENEFITS

- ➔ Largest capacity autoloader can operate unattended for extended periods and backup multiple servers
- ➔ Easy to operate—dedicated backup administrator is not required
- ➔ Low cost—highest capacity in class with an entry-level price
- ➔ Import/Export slot offers controlled cartridge exchange and simplified media management
- ➔ 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™ 22 tape storage system is the industry's highest capacity DLT™ autoloader. The 22-tape capacity handles high-growth environments and allows extended periods of unattended operation—up to a full month or more. Available with a DLT4000, DLT7000 or DLT8000 drive, the compact unit fits on a desktop and can easily be mounted in only 5u of rack space. Utilizing the same simple user interface, optional barcode reader and DLT drive assembly as the award-winning FastStor, FastStor 22 delivers industry-leading capacity and high-end functionality at an entry-level price.



Intuitive user interface and easily accessible cartridges make FastStor 22 simple to operate

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DRIVES AND PERFORMANCE

Drive Type:	DLT4000	DLT7000	DLT8000
Cartridge Capacity:¹	22	22	22
Data Capacity			
Native:	440GB	770GB	880GB
with 2:1 Compression:	880GB	1.54TB	1.76TB
Transfer Rate			
Native:	90MB/min	300MB/min	360MB/min
with 2:1 Compression:	180MB/min	600MB/min	720MB/min
SCSI Interface:	SCSI-2, Fast SE or HVD	SCSI-2, Fast/Wide SE or HVD	SCSI-2, Fast/Wide LVD/SE or HVD
File Access Time (Avg):	68 seconds	60 seconds	60 seconds
Data Compression:	On-board DCLZ with variable block size		
Recording Format:	Multiple-Track, Linear Serpentine		
Data Buffer:	2MB	8MB	8MB
	Cache buffer adjusts to host rates		
Media:	DLTtape IV	DLTtape IV	DLTtape IV
Tape Length:	1800 feet	1800 feet	1800 feet
Recording Density:	82,000 bits/in	86,000 bits/in	98,000 bits/in
Tracks Per Tape:	128	208	208

OPERATION

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

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 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: 17.5"W x 23."D x 8.5"H (44.5cm x 58.4cm x 21.6cm)
Rack Height:	5u (8.75"/22.2cm)
Weight:	32 lbs (14.5kg)
Shipping Weight:	44 lbs (19.9kg)

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:	4g 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
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.

¹ 23rd position may be used for import/export, cleaning cartridge or 23rd tape. Firmware allows unit to operate as a 20-tape or 16-tape autoloader to match software licenses.



For further information, contact your local ADIC dealer.

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