

T A P E A R R A Y 5

FROM 1 TO 5 DLT DRIVES

5U 19-INCH RACK ENCLOSURE

UP TO 400GB CAPACITY

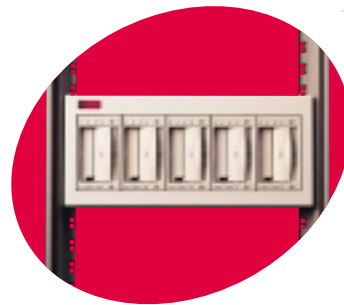
UP TO 216GB/HOUR TRANSFER RATE



FEATURES AND BENEFITS

- Up to 5 DLT drives in 5u of rack space provides industry leading fault tolerant backup.
- 400GB of storage handles even large data applications.
- Up to 216GB per hour throughput —for fast data protection.
- Dual, redundant power supplies and fans mean highly reliable backup storage.
- Hot swappable drives provide redundancy and user upgradability.
- 5 SCSI interfaces provide flexibility and allow unit to be configured for maximum performance.
- Compatible with standard RAID software for fault tolerance and high-speed data transfer rates.

The Tape Array 5 is a 19-inch rackmount DLTtape™ storage system providing the industry's highest density fault tolerant backup. With up to five hot swappable DLT drives, and dual redundant fans and power supplies, it is designed for the most demanding high reliability data storage needs, including large databases, digital video, and pre-press applications. The Tape Array 5 provides up to 43GB per hour throughput per drive and up to 80GB per cartridge. When combined with compatible RAID software packages, the Tape Array 5 provides multiple RAIT/RAID options, including Levels 0, 1, 3, and 5.



The Tape Array 5 mounts up to 5 DLT drives in only 5u of 19-inch rack space.

adic

DLT
TAPE

DRIVES AND PERFORMANCE

Drive Type:	DLT4000	DLT7000	DLT8000
Capacity¹			
Total:	140/280GB	175/350GB	200/400GB
Per drive:	20/40GB	35/70GB	40/80GB
Max Transfer Rate¹			
Total:	450/900MB per minute	1.5/3.0TB per minute	1.8/3.6TB per minute
Per drive:	90/180MB per minute	300/600MB per minute	360/720MB per minute
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	89,000 bits/in
Tracks Per Tape:	128	208	208

OPERATION

Indicators:	Write protected, tape-in-use, use cleaning tape, and tape density LEDs
Controls:	Density select and tape unload
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:	Periodic drive head cleaning with DLT cleaning cartridge
MTBF:	Greater than 80,000 power-on hours
MTTR:	Less than 30 minutes (drive replacement)
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:	18.9" W x 24.5" D x 8.6" H (47.9cm x 62.2cm x 21.8cm)
Configuration:	Designed for 19-inch rack mount only
Rack Height:	5u (8.7"/22.1cm)
Weight:	
Enclosure:	45.8 lbs (101kg)
Drives:	7.8 lbs (17.2kg) per drive

ENVIRONMENTAL

Electrical:	100-240 VAC, 50-60 Hz, 1.0-0.5A Auto Voltage Select
Altitude:	30,000 ft (9,144m)
Temperature:	10 to 40°C operating
Humidity:	20 to 80% non-condensing operating
Noise Level:	<35 dBA per drive
Vibration:	0.25g (5-500-5Hz) operating Tested per ISTA for storage/shipping
Shock:	2g operating Impact tested per ISTA for storage/shipping
BTU/Hour:	853

COMPLIANCE AND CERTIFICATION

Safety:	UL-1950/CUL C22.2 No. 950, TUV EN 60950
Emissions:	FCC #47, Part 15, Class A, EN 55022
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 the Tape Array 5.

¹ Native / with 2:1 data compression



For further information, contact your local ADIC dealer.

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