

MODELS

Tape Array III
Mod-4
161140-001

Mod-0
168047-001

LVD Cable Kit
168048-B21

OVERVIEW

Tape Array III is a 5U rack mountable enclosure that houses up to four DLT tape drives. The requirement necessitating this product is that customers need a tape array that accommodates the 40/80GB DLT tape drive that has an LVD interface. Its predecessor, Tape Array II, only accommodates tape drives that have a fast wide SE interface such as the 35/70 and 20/40 DLT tape drives. The Tape Array III has cabling with switching terminators that support either LVD or SE tape drives on a bus.

Tape Array III comes in a MOD4 sku (fully populated with 40/80 tape drives) and a MOD0 sku (unpopulated). The base skus have cabling for two buses accommodating two drives per bus when fully populated. A cable option kit can be purchased to allow for four separate buses, one for each drive to increase performance. This cable option kit will also serve as a means to upgrade Tape Array II units in the field that customers would like to populate with 40/80 drives.

KEY FEATURES

Native Capacity	160 GB
Native Performance	24 MB/sec
SCSI Interface	LVD or SE
Form Factor	5U
Tape Drives	40/80GB DLT Tape Drives (Standard) 35/70 and 20/40GB DLT Tape Drives (Compatible)
Head Life (40/80 GB DLT Tape Drive)	50,000 hours
Media Compatibility (40/80 GB DLT Tape Drive)	DLTtape IV, DLTtape IIIxt, and DLTtape III
OS Support	Microsoft Windows NT Microsoft Windows 2000 Novel Netware 4.1 OpenVMS 7.1 Tru64 UNIX 4.0F
Native OS Driver support	Microsoft Windows NT/2000 Backup OpenVMS native support Tru64 native support
ISV Compatibility	VERITAS Backup Exec 7.2 for NT, 2000 and NetWare CA ArcServeIT 6.61for NT, 2000 and NetWare

COMPATIBILITY

Servers Supported

Intel	Alpha
<i>ProLiant</i> DL380	AlphaServer AS800
<i>ProLiant</i> DL580	DS10
<i>ProLiant</i> PL8000	DS10L
<i>ProLiant</i> PL6500	AS4000/AS4100
<i>ProLiant</i> PL6400R	DS20E
<i>ProLiant</i> PL6000	DS20
<i>ProLiant</i> ML370	ES40
<i>ProLiant</i> ML530	AS8200/AS8400
<i>ProLiant</i> ML570	GS60/GS140
<i>ProLiant</i> PL5500R	GS60E
<i>ProLiant</i> PL5500	GS80
<i>ProLiant</i> PL3000R	GS160
	GS320

COMPATIBILITY *(continued)*

Racks Supported

The Tape Array III comes ready to mount in Compaq Racks for *ProLiant* servers and in Cannondale racks for AlphaServers. A rail extender kit is necessary to mount the Tape Array III in a Marquee rack for AlphaServers. The part number and description are:

2T-QH915-03

3U Rail Extender Kit

RELATED OPTIONS

DLT Tape Drives

20/40GB DLT Internal Tape Drive	340743-B22
35/70GB DLT Internal Tape Drive	242520-B21
40/80GB DLT Internal Tape Drive	146196-B21

DLT Cartridges

DLT Type IV Data Cartridge, Qty 7	295194-B21
DLT Cleaning Cartridge	199704-001

Cable Kits

LVD Cable Kit	168048-B21
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TAPE DRIVE SPECIFICATIONS (40/80 GB DLT)

Capacity

	Without Compression	2-1 DC
DLT-III	10 GB	20 GB
DLT-IIIxt	15 GB	30 GB
DLT-IV	40 GB	80 GB

Transfer Rates

Without Compression (maximum)	6 MB/second
Without Compression (typical)	4.5 MB/second
2:1 Compression Ratio (maximum)	43.2 GB/hour
2:1 Compression Ratio (typical)	32.4 GB/hour

Data Access Time

Average File access	60 seconds
Average Load time	37 seconds
Mean Time to Data Access	97 seconds

Reliability

MTBF 250,000 hours @ 30 % duty cycle

Dimensions (HxWxD)

5.25 inch Full Height	3.4, 5.84, 9.6 in/8.63 x 14.83 x 24.38cm
Tape Width	0.5 in/0.52 mm
Tape Length	1,800ft

Tape Format

Recording Method	Serpentine
Recording Format	ECMA-236, DDS3
Data Compression	Lempel-Ziv (LZ)
Error Detection/Correction	Reed Solomon (3 levels)
Interface	LVD Wide Ultra

Environmental

Power-Internal typical/maximum	28 Watts steady state
Power-External typical/maximum	56 Watts max
Voltage	100 to 240 VAC
Frequency	50 to 60Hz
Weight-Internal/External	6 lbs 7oz, 2.9kg/14 lbs, 6.7kg

SERVICE & SUPPORT, CAREPAQ AND WARRANTY INFORMATION

Software Product Services

- Standalone telephone support
- Rights to new license version
- Media and documentation updates

Hardware Product Services

- Installation services
- On-site maintenance (includes warranty support)
- Response time upgrades during the warranty period
- Post-warranty coverage
- RAID setup and performance consulting via statement of work

For additional hardware installation and maintenance information, please refer to the URLs listed below:

http://www.compaq.com/services/hardware/hw_installation.html

http://www.compaq.com/services/hardware/hw_maintenance.html

Please note that this Web site is available in English only.

Warranty Upgrade Options

- Response - Upgrade on-site response from next business day to same day 4-hours
- Coverage - Extend hours of coverage from 9 hours x 5 days to 24 hours x 7 days
- Duration - Select duration of coverage for a period of 1, 3, or 5 years

CarePAQ Information

Sample part numbers:

- FM-******XHW-36, 3 year, uplift to 5 x 9, Next Day Response
- FM-******4HR-36, 3 year, uplift to 5 x 9, 4-hour Response
- FM-******724-36, 3 year, uplift to 7 x 24, 4-hour Response

****** represents a two digit product specific code

- CarePAQ is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage.
- CarePAQ is not available for less than the product's warranty duration.
- CarePAQ is available for sale anytime during the warranty period for most products, but the commencement date will be the same as the Warranty Start Date (delivery date to end user customer). Proof of purchase may be required.
- CarePAQ services are prepaid.

For additional CarePAQ (hardware & software) information, as well as orderable part numbers, please refer to the URL listed below:

<http://www.compaq.com/services/carepaq/index.html>

Please note that this Web site is available in English only.

Components

The following brick level options/components do not have individual CarePAQs. These items will be included in product CarePAQs into which they are installed.

Disk Drives	Tape Drives	CD/DVD ROM	SCSI Hubs in SBBs	Adapters
Bus Converters	Backplane RAID Controllers	Power Supplies	Cabling	Fans