

MODELS

35/70-GB DLT Drive
242521-B21
(External)

242520-B21
(Internal)

The 35/70-GB DLT Drive is a high-end DLT Tape Drive that provides up to a maximum 36 GB/hour backup rate and protects Departmental, high-end servers and Professional Workstations up to a maximum of 70 GB with a single data cartridge.

Note: Typically, users will be able to compress their data at a 2 to 1 ratio; however, compression ratios will vary based on the type of data being compressed.

Improved Reliability

Design enhancements like Symmetric Phase Recording (flexible tape head) and Parallel Channel Architecture (four Read/Write heads transfer data at the same time) have driven DLT technology upwards in capacity and performance capabilities.

Tape Format

Utilizes industry-standard DLT tape format

Compression

Built-in DLZ hardware compression for improved performance (2:1 compression typical)

Compatibility and Integration Testing

Fully tested on a variety of Compaq *ProLiant*™ Servers and Professional Workstations

Operating Environment Support

Microsoft Windows NT	Supported under Windows NT using the Windows NT Backup utility; supported under ARCserveIT 6.6 for Windows NT or Seagate Software Backup Exec 7.2 for Windows NT
Novell NetWare	Supported under NetWare 3.x and above using ARCserveIT 6.6 for NetWare or Seagate Software Backup Exec 8.0 for NetWare
SCO UNIX	Supported under SCO UNIX in the Compaq EFS supplement; supported under Legato NetWorker for SCO UNIX
OS/2	Supported under OS/2 and OS/2 WARP
Banyan	Banyan Vine 6.X and 7.X
SUN	Sunsoft Solaris™ X86

Option Kit Contents

Tape Drive
Tape Cartridge
Mounting hardware
Documentation
Live Trial Partner Software

Warranty

Maximum	The remaining warranty of the Compaq PC product in which it is installed (to a maximum three-year limited warranty)
Minimum	One-year, on-site limited warranty

Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

Service & Support, CarePAQ and Warranty Information

Software Product Services

- Stand-alone 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/carepaq/cp_installation.html

http://www.compaq.com/services/carepaq/cp_hardware.html

Service & Support, CarePAQ and Warranty Information *(continued)*

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

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

SPECIFICATIONS

Recommended Maximum Server Size 70 GB (unless multiple drives and streams used)
(Typically, users will be able to compress their data at a 2 to 1 ratio; however, compression ratios will vary based on the type of data being compressed.)

Capacity

	Without Compression	2-1 DC (Typically, users will be able to compress their data at a 2 to 1 ratio; however, compression ratios will vary based on the type of data being compressed.)
DLT-III	10 GB	20 GB (10/20 Data Cartridges are best used for data interchange between various DLT drives.)
DLT-IIIxt	15 GB	30 GB
DLT-IV	35 GB	70 GB

SPECIFICATIONS *(continued)*

Transfer Rates

Without Compression (maximum)	5 MB/second
Without Compression (typical)	4 MB/second
2:1 Compression Ratio (maximum)	36 GB/hour
2:1 Compression Ratio (typical)	28 GB/hour

(Typically, users will be able to compress their data at a 2 to 1 ratio; however, compression ratios will vary based on the type of data being compressed.)

Data Access Time

Average file access	60 seconds
Average Load time	48 seconds
Mean Time to Data Access	108 seconds

(MTDA is calculated by adding load time plus average file access.)

Dimensions (HxWxD)

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

Tape Format

Recording Method	Helical Scan
Recording Format	ECMA-236, DDS3
Data Compression	Lempel-Ziv (DCLZ)
Error Detection/Correction	Reed Solomon (3 levels)
Interface	Fast SCSI-2

Environmental

Power-Internal typical/maximum	37/47 Watts
Power-External typical/maximum	55/69 Watts
Voltage	90 to 254 VAC
Frequency	50 to 60 Hz
Weight-Internal/External	14.9 lbs/6.7 kg

RELATED OPTIONS

DLTape IV Data Cartridge, Qty 7	295192-B21
DLTape IV Data Cartridge, Qty 21	217861-B21
DLTape IV Data Cartridge, Qty 315	217862-B22
DLT Cleaning Cartridge	199704-001

COMPATIBILITY

Servers

Compaq *ProLiant* 7000 Xeon™
 Compaq *ProLiant* 6500 Xeon
 Compaq *ProLiant* 6400R Xeon
 Compaq *ProLiant* 6000 Xeon
 Compaq *ProLiant* 5500R Xeon
 Compaq *ProLiant* 5500 Xeon
 Compaq *ProLiant* 3000R 6/450
 Compaq *ProLiant* 3000 6/450
 Compaq *ProLiant* 1850R
 Compaq *ProLiant* 1600R (100 MHz)
 Compaq *ProLiant* 1600 (100 MHz)
 Compaq *ProLiant* 800 6/350E, 6/400, 6/450 MHz
 Compaq *ProLiant* 400