

affordable DLT
technology
offering 80 GB
backup



hp surestore DLT vs80

The HP Surestore DLT vs80 is new to the DLT Family. It provides reliable, affordable backup for IT managers with mid-range servers. Through its scalable, tried-and-trusted DLT technology, it provides peace of mind for data protection.

The DLT vs80 uses a standard DLTtape IV data cartridge and can read cartridges written by DLT 4000 and DLT1 tape drives. Each cartridge provides up to 80 GB of data storage with up to 6 MBps compressed transfer rate. An 80 GB backup can be completed in less than 4 hours.

The drive is packaged in a half-height form factor and is available as an internal unit, a self-standing external unit, or a rack-mountable drive. A complete solution, the HP DLT vs80 includes cables, mounting tray, media, cleaning cartridge and backup software, and is compatible with leading servers, operating systems, and backup software. The cleaning cartridge is specially formulated to reduce particle buildup and to restore the thin-film MR recording head to peak performance.

key features/benefits

- **fast:** stores data at up to 6 MBps compressed transfer rate.
- **reliable:** uses HP DLTtape IV media—tested to extremes for maximum reliability—and supports HP One-Button Disaster Recovery for fast and easy recovery from system crashes.
- **manageable:** Tapealert monitors both drive and media to warn of any problems.
- **compatible:** “plug-and-play” functionality with servers, operating systems, and backup software.
- **adaptable:** available in internal, external, and rack-mountable models.
- **affordable:** provides reliable backup at a low purchase price.
- **scalable:** stores up to 80GB of compressed data on one cartridge.

hp surestore DLT vs80



specifications

Capacity

Native/Compressed

40 GB/80 GB¹

Performance

Backup Rate: Native/Compressed¹

10.8 GB per hr / 21.6 GB per hr¹

Search Speed

68 sec

Burst Transfer Rate

20 MBps maximum synchronous

Write Verification

Read while write

Logical Recording Format

DLT1

Compression Technique

DLZ

Mean Time Between Failures

Up to 200,000 hours MTBF at 100% duty cycle

Media Compatibility

Read

DLT 4000, DLT1, DLT vs80

Write

DLT1, DLT vs80

Operating System Compatibility

Windows® 2000, NT 4.0, 98, and 95, Red Hat Linux, Novell NetWare 4.2/5.0, HP-UX 10.20, 11.0, 11i, Solaris 8

¹ Capacities and transfer rates assume 2:1 data compression. Actual compression may differ because compression varies with data type.

specifications (continued)

Physical Characteristics

External I/O Ports

1 Wide Ultra SCSI-2 LVD (low voltage differential)

Dimensions (H × W × D)

Internal: 44 × 148 × 221 mm (1.7 × 5.8 × 8.7 in), External: 66 × 212 × 272 mm (2.6 × 8.3 × 10.7 in)
Array Module: 43 × 160 × 295 mm (1.7 × 6.3 × 11.6 in)

Weight

Internal: 1.45 kg (3.2 lbs), External: 3.5 kg (7.7 lbs), Array Module: 2.1 kg (4.6 lbs)

Internal and Rack

Power Consumption

5V-1.6A typical, 1.9A peak (8W typical), 12V-0.65A typical, 3.5A peak (7.8W typical), External: <25W

Power Supply Requirements

Line voltage 100-240 VAC, Line Frequency 50-60 Hz

Operating Temperature Range

10 to 40° C (50 to 104° F)

Storage Temperature Range

-40 to 66° C (-40 to 151° F)

Humidity Range/Non-operating Humidity

20° to 80° RH/10° to 95° RH

Miscellaneous

Standard Warranty

3-year Next-day Exchange (not available in all countries); System matching on HP systems²

Safety Certifications

UL, CSA, TÜV, CE, NOM-1-NYCE, IRAM, GOSH, PCBC, ZIK, MEEI, EVPU, SIQ FCC, ICES, VCCI, CE, C-Tick, BSMI, RRL, Class B

² System matching warranty provides coverage that matches that of the server if drive is included in a bundle. If drive is added on, warranty matches remainder of server warranty then balance of 3-year unit exchange warranty is used. If server contract is in force, that warranty would apply.



expandable

ordering information

Tape Drives:

DLT vs80 Tape Drive, External	C7503A
DLT vs80 Tape Drive, Internal	C7504A
DLT vs80 Array Module for use with Tape Array 5300	C7507A

Accessories:

External SCSI cable (68-pin high-density to 50-pin high density latch, high byte terminated, single-ended, 0.9m)	C5679A
External SCSI cable (68-pin high-density to 68-pin high density, LVD/SE Ultra2, 0.9m)	C5741A
External SCSI cable (68-pin high-density to 68-pin high density, LVD/SE Ultra2, 1.5m)	C5742A
External SCSI cable (68-pin high-density to 68-pin high density, LVD/SE Ultra2, 2.5m)	C5743A
68 Pin HD to 68 Pin VHD SCSI Adapter	C7434A
External SCSI terminator (LVD/SE multimode)	C5738A
HP Surestore Ultra 3 Wide PCI HBA kit	C7474A

Supplies:

HP DLT VS cleaning cartridge	C7998A
HP DLTape IV data cartridge	C5141F

Materials Included:

External:	Internal:	Array module:
CD with TapeWare backup software, Surestore CD, DLTape IV data cartridge, DLT VS cleaning cartridge, installation instructions, terminator, SCSI cable, power cord	CD with TapeWare backup software, Surestore CD, DLTape IV data cartridge, DLT VS cleaning cartridge, installation instructions, jumpers, screw pack, tray for HP Netserver L-Series	CD with TapeWare backup software, Surestore CD, DLTape IV data cartridge, DLT VS cleaning cartridge, installation instructions

HP Supportpacks:

3 years, next-day, onsite service	H3155A/E
3 years, same-day, onsite service	H4616A/E

more information

For more information on DLT tape drives, contact any HP worldwide sales office or visit the HP Web site at:
www.hp.com/go/dlt

The DLT vs80 supports HP One-Button Disaster Recovery with Tapeware backup software on HP Servers supporting Windows and Linux. For information on additional software and hardware support for OBDR on the DLT vs80, visit:
www.hp.com/go/connect



All brand and product names are trademarks or registered trademarks of their respective companies. Products may be shown with optional modules. The information contained in this document is subject to change without notice.

© Hewlett-Packard Co. 2001
Produced in USA 08-01
5980-6501EN