

hp DLT 80



data protection for
medium to large
networks



The HP Surestore DLT 80 provides reliable data protection for midrange servers, with 80 GB compressed capacity per tape and a transfer rate of 43.2 GB/hour, minimizing your backup time and maximizing server availability. This high-capacity solution is designed for a 100% duty cycle to meet the most demanding backup requirements. Based on DLT technology, the DLT 80 includes additional reliability features such as advanced error detection and correction techniques, HP Library and Tape Tools for installation and troubleshooting, and TapeAlert for monitoring drive and media.

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key features

- 80 GB on a tape covers virtually any single backup operation.
- A transfer rate of 40 GB/hour keeps network downtime during backup to a minimum.
- Includes features that deliver extra reliability: advanced error detection and correction techniques, HP Library and Tape Tools for troubleshooting, and TapeAlert, which monitors drive and media for potential problems.
- HP has tested and proved the compatibility of the DLT 80 across the HP server range as well as with other leading server brands, operating systems, and backup software (see www.hp.com/go/connect).
- Includes cables, rails, DLTape IV data cartridge, cleaning cartridge, and TapeWare backup software for complete in-box solution.
- Comes in internal and external models, plus an offline hot-swappable model for use in a racked environment with HP's Tape Array family.
- Three-year Express Exchange warranty.
- Supportpack warranty upgrade available.

technical specifications

- capacity
- media
- interface
- transfer rate sustained
- search speed
- head life
- cartridge life
- MTBF
- dimensions (h x w x d)
- weight
- power requirements
- hardware warranty

40 GB native, typically 80 GB with hardware data compression*

HP DLTape IV data cartridge

LVD/SE wide Ultra SCSI-2

6 MB/s (21.6 GB/h) native, typically 12 MB/s (43.2 GB/h) with hardware data compression*

60 seconds average to locate a file in 80 GB of data

50,000 tape motion hours minimum (continuous operation)

1,000,000 passes

250,000 hours at 100% duty cycle

dimensions (h x w x d)

DLT 80i: 3.38 x 5.83 x 9.60 in (86 x 148 x 244 mm)

DLT 80e: 6.3 x 6.9 x 12.8 in (160 x 175 x 325 mm)

DLT 80m: 4.25 x 6.5 x 11.5 in (108 x 165 x 291 mm)

weight

DLT 80i: 6.4 lb (2.9 kg)

DLT 80e: 14.56 lb (6.63 kg)

DLT 80m: 7.5 lb (3.4 kg)

power requirements

DLT 80i/m: 5V DC, 3.6A; 12V DC, 1.6A

DLT 80e: 100–240V, 0.7A, 50–60 Hz

hardware warranty

Three-year Express Exchange

all products include

Installation guide, HP Surestore Tape CD-ROM (containing electronic user guide, drivers, HP Library and Tape Tools utilities), Yosemite Technologies CD (containing TapeWare workstation and server backup software supporting Windows® 95/98, Windows NT® Workstation, Windows 2000 Professional, Windows NT Server, Windows 2000 Server, Novell NetWare 4.x and 5.x, and Red Hat Linux 5.2 and 6), warranty registration card, HP Netserver L-series mounting tray, HP Brio/Vectra/Kayak and HP Netserver E-series rails, Compaq rails, screws, one HP DLTape IV data cartridge, and one HP DLTape cleaning cartridge.

All internal models also include: mounting tray for HP Netserver, jumpers, Compaq rails, and screws.

DLT 80e also includes: 1.5m external SCSI cable (68-pin high-density), power cable, multi-mode terminator.

ordering information

C5725A	HP Surestore DLT 80i
C7456A	HP Surestore DLT 80m
H3157A/E	HP Supportpack 3-year, next-day response
H4617A/E	HP Supportpack 3-year, 4-hour response

* assumes a 2:1 compression ratio; this may vary since compression is data dependent

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12/01

5980-8666EN