

hp surestore  
dlt 40 & dlt 80



data protection for  
medium to large  
networks



These high-performing backup solutions offer the highest levels of reliability, connectivity and data integrity in their class. Network interruption is minimized by protecting up to 43.2 GB/hour of data and storing up to 80 GB on one piece of media. Unlike other DLT providers the HP Surestore DLT 40 & 80 offer guaranteed connectivity to a wide range of server systems and backup software applications.

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key features

- 40–80 GB on a tape covers virtually any single backup operation.
- Transfer rates of 10.8 GB/hour (DLT 40) and 40 GB/hour (DLT 80) keep network downtime during backup to a minimum.
- HP Tapeassure ensures correct installation, Tapealert pre-warns on any drive or media problems, HP Tape Tools simplifies troubleshooting.
- HP has tested and proved the compatibility of these drives with leading server brands, operating systems and backup software.
- DLT 80 can be used with existing SCSI and new LVDS equipped systems.
- Three-year Express Exchange warranty.
- Supportpack warranty upgrade available.

technical specifications

capacity	DLT 40i/e/r/m: 20 GB native, typically 40 GB with hardware data compression DLT 80i/e/r/m: 40 GB native, typically 80 GB with hardware data compression
recording format	DLT 40i/e/r/m: DLT-4; DLT 80i/e/r: DLT-5
media interface	HP DLTape IV data cartridge DLT 40i/e: Single-ended, narrow SCSI-2 DLT 80i/e/m: LVD/SE wide ultra SCSI-2
transfer rate sustained	DLT 40i/e/r/m: 1.5 MB/s (5.4 GB/h) native, typically 3 MB/s (10.8 GB/h) with hardware data compression DLT 80i/e/r/m: 6 MB/s (21.6 GB/h) native, typically 12 MB/s (43.2 GB/h) with hardware data compression
search speed	DLT 40i/e/r/m: 45 seconds average to locate a file in 40 GB of data DLT 80i/e/r/m: 60 seconds average to locate a file in 80 GB of data
head life	DLT 40i/e/r/m: 10,000 tape motion hours DLT 80i/e/r/m: 30,000 tape motion hours (continuous operation)
cartridge life	DLT 40i/e/r/m: 500,000 passes DLT 80i/e//m: 1,000,000 passes
MTBF	DLT 40i/e/r/m: 200,000 hours DLT 80i/e/r/m: 250,000 hours
dimensions (hwxwd)	DLT 40i/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 40r/80r: 4.25 x 6.5 x 11.5 in (108 x 165 x 291 mm) DLT 40e/80e: 4.88 x 9.0 x 12.75 in (124 x 229 x 325 mm) DLT 40r/80r: 4.25 x 6.5 x 11.88 in (108 x 165 x 302 mm)
weight	DLT 40i/80i: 6.4 lb (2.9 kg) DLT 40r/80r: 10.1 lb (4.6 kg) DLT 40e/80e: 14.56 lb (6.63 kg) DLT 80m: 7.5 lb (3.4 kg)
power requirements	DLT 40i: 5V DC, 2.5A; 12V DC, 0.8A DLT 40e: 100–240V, 0.55A, 50–60 Hz DLT 40r: 5V DC, 2.5A; 12V DC, 0.8A DLT 80m: 5V DC, 3.6A; 12V DC, 1.6A DLT 80i: 5V DC, 3.6A; 12V DC, 1.6A DLT 80e: 100–240V, 0.7A, 50–60 Hz DLT 80r: 5V DC, 3.6A; 12V DC, 1.6A
hardware warranty	Three-year Express Exchange

all products include

Internal or external drive, Yosemite Technologies CD (containing TapeWare software, supporting Windows NT® Server and NetWare 4.x and 5.x, Red Hat Linux 5.2 & 6, and Windows 2000), warranty registration card, installation guide, HP Surestore Tape CD-ROM (containing electronic User's Guide, drivers, HP Tapeassure, HP Tape Tools software diagnostics).

**All DLT 80 drives also include:** multi-language front panel labels.

**All internal models also include:** mounting tray for HP Netservers, jumpers, Compaq rails, screws, one HP DLTape IV data cartridge, one HP DLT tape cleaning cartridge.

**DLT 40i also includes:** 50-to-68 pin adapter.

**DLT 40e also includes:** SCSI cable (50-pin low-density to 68-pin, high order line termination, single-ended, 1 meter), SCSI terminator, power cable.

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

**DLT 40 and 80r/m also include:** drive mounted in hot-swap cradle.

ordering information

C5647A	HP Surestore DLT 40i	C5725A	HP Surestore DLT 80i
C1579A	HP Surestore DLT 40e	C5726A	HP Surestore DLT 80e
C5697A	HP Surestore DLT 40r	C5727A	HP Surestore DLT 80r
		C7456A	HP Surestore DLT 80m

H3157A/E	HP Supportpack 3-year, next-day response (DLT 40/80e/r/m)
H4617A/E	HP Supportpack 3-year, 4-hour response (DLT 40/80e/r/m)

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