

IBM TotalStorage™ Ultrium External Tape Drive 3580 featuring Ultrium 2 drives



Highlights

- **Offers capacity, performance, and reliability for midrange and network tape storage environments**
- **Provides an entry-level Ultrium™ tape solution**
- **Supports cost-effective backup, save/restore, and archival storage**
- **Provides continuous, easy-to-understand drive information with an LCD status display**
- **Adheres to widely supported Linear Tape-Open™ (LTO™) standards**

IBM TotalStorage Ultrium External Tape Drive 3580

Today, all types of businesses rely on data as a key corporate asset. You must be able to access data quickly and reliably, archive large databases and retrieve them when needed, and complete these tasks economically—whether you are using a high-performance network server or an individual workstation.

The IBM TotalStorage Ultrium External Tape Drive 3580 is one building block of a family of scalable, flexible tape solutions. By leveraging advanced Linear Tape-Open (LTO) technology, the IBM Tape Drive is suited for handling the backup, save/restore, and archival data storage needs of a wide range of small systems.

New Ultrium 2 models of the IBM TotalStorage Ultrium External Tape Drive have a capacity of up to 400 GB with compression (2:1) with the use of the new IBM TotalStorage LTO Ultrium 200 GB Data Cartridge. IBM Ultrium 2 Tape Drives can read and write first generation LTO Ultrium Data Cartridges at original capacities and with improved performance. As your needs grow, you can build on this storage investment by moving to higher capacity and performance automated libraries employing the new IBM Ultrium 2 tape drive technology.

With its higher capacity and tape drive performance that more than doubles up to 35MB/sec native data transfer rate (70 MB/sec with 2:1 compression), the new IBM Ultrium External Tape Drive 3580 is an excellent alternative to DLT/SDLT; 1/4-inch, 4mm or 8mm tape drives.

Advanced features

The IBM TotalStorage Ultrium External Tape Drive 3580 features Low Voltage Differential (LVD) Ultra 160 SCSI or High Voltage (HVD) Ultra SCSI interfaces and can attach to IBM and non-IBM servers and workstations that support these interfaces. As a SCSI-attached tape solution, the IBM Ultrium External Tape Drive connects to Fibre Channel server adapters through selected IBM Storage Area Network Data Gateway products.

The IBM 3580 has an LCD display and indicators for write protection, tape in use, drive cleaning, and data compression.

Software support

You can increase the power of the IBM TotalStorage Ultrium External Tape Drive by managing it with tape management solutions such as Tivoli® Storage Manager or other third party storage software.

IBM TotalStorage Ultrium External Tape Drive 3580 at a glance

Model numbers L23—LVD attach; H23—HVD attach

Rack-mount feature code 8723

Characteristics

Tape drive type IBM LTO Ultrium 2

Capacity per cartridge¹ Up to 400 GB compressed; 200 GB native

Sustained data transfer rate¹ Up to 70 MB/sec compressed; 35 MB/sec native

Aggregate sustained data rate¹ Up to 247 GB/hour compressed

Media type IBM Ultrium 2

Data cartridge IBM TotalStorage LTO Ultrium 200 GB Data Cartridge (PN 08L9870)

Cleaning cartridge IBM TotalStorage LTO Cleaning Cartridge (PN 35L2086)

Dimensions 5.75" H x 6.74" W x 13.11" D (14.6 cm x 17.1 cm x 33.3 cm)

Weight 14.3 lb (6.6 kg)

Warranty Three year, Customer Element Exchange (CEE) in most countries

Operating environment

Temperature 10° to 38° C (50° to 100° F)

Relative humidity 20% to 80% (non-condensing)

Electrical power 1.0-0.5 amps at 100-240 VAC, 50/60 Hz

Attachment and systems support²

The IBM 3580 features LVD Ultra160 SCSI and HVD Ultra SCSI interfaces, attaching to IBM *@server pSeries™*, IBM *@server iSeries™*, IBM *@server xSeries™*, IBM RS/6000®, IBM RS/6000 SP, IBM AS/400®, and IBM Netfinity® systems, and non-IBM servers and workstations. As a SCSI-attached tape solution, the IBM 3580 connects to Fibre Channel server adapters through selected IBM Storage Area Network Data Gateway products.

Operating systems support²

Native device driver support is available for AIX®; OS/400®; Windows NT®; Windows® 2000; Sun® Solaris®; HP-UX; and Red Hat® Linux®

¹ Based on 2:1 compression

Why IBM LTO?

LTO is an open tape architecture developed by a consortium of three world-class storage producers.

IBM Ultrium drives share best-of-breed technology with advanced multi-track recording capabilities, magneto-resistive (MR) head and servo technologies, and high recording densities. New Ultrium 2 drive enhancements include digital speed matching, power management, channel calibration and 512 data tracks. Error correction code (ECC) function helps support data integrity.

IBM also provides worldwide service and technical support when you invest in an IBM Ultrium solution—including a complete array of servers, software, printers, and storage devices.

Media

You can order media for the IBM Ultrium External Tape Drive at the time of purchase or from IBM Media, Supplies Distribution, and authorized dealers. Call

1-888-IBM-Media (1-888-426-6334) toll-free in the United States and Canada.

For more information

For more information, contact your IBM representative or IBM Business Partner. For updated attachment, supported operating system, media product, and storage management software information, visit www.ibm.com/totalstorage/lto.



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