

IBM TotalStorage 3580 Tape Drive featuring Ultrium 3



Highlights

- ***An entry-level Ultrium™ tape solution for the midrange and network tape storage environments***
- ***Designed to provide cost-effective backup save and restore and archival storage external to the server***
- ***Double the storage capacity of the L23 and H23 models***
- ***Adheres to widely supported Linear Tape-Open® (LTO) standards***

IBM TotalStorage® 3580 Tape Drive Model L33

Today, data is a key corporate asset in all types of businesses. The ability to access data quickly and reliably is critical to your success. Whether your business utilizes a high-performance network server or individual workstations, archiving and retrieving data in a dependable and consistent manner is mission critical.

The IBM TotalStorage 3580 Tape Drive—the entry-level IBM TotalStorage tape product family offering—is the

answer to growing storage requirements and shrinking backup windows. By leveraging advanced Linear Tape-Open (LTO) technology, the TotalStorage 3580 Tape Drive is suited for handling the backup, save and restore, and archival data storage needs of a wide range of small systems.

The TotalStorage 3580 Tape Drive Model L33 is an excellent tape storage solution for businesses requiring backup or low-cost, real-time archival of their data within a small window of time—high-capacity and performance can meet the most demanding requirements. The new Model L33 has a storage capacity of up to 800GB (with 2:1 compression) in conjunction with the new IBM TotalStorage LTO Ultrium 400GB data cartridge, which is double the capacity of the Ultrium 2™ technology. Along with its higher capacity, the performance of the TotalStorage 3580 Tape Drive has more than doubled over

the previous generation for a native data transfer rate of up to 80 MBps. The TotalStorage 3580 Tape Drive provides an excellent alternative to slower and smaller capacity 1/4-inch, 4 mm and 8 mm DLT/SDLT tape drives.

Advanced features

The IBM TotalStorage 3580 Tape Drive Model L33 features a SCSI Ultra160 Low Voltage Differential (LVD) interface for connection to a wide spectrum of open system servers. The Model L33 has several new features designed to exceed your most demanding backup and restore needs: a new dual-stage head actuator has been designed to help increase read/write reliability; a larger internal data buffer helps improve data access rates and reduce cartridge fill and rewind times along with dynamic channel calibration to help increase data throughput; and new independent tape loader and threader motors are designed to help further enhance robustness and reliability. In addition to

reading and writing to LTO Ultrium 3 tape cartridges, the new Model L33 can read and write to LTO Ultrium 2 cartridges and read LTO Ultrium cartridges.

Software support

You can help increase the power of the IBM TotalStorage 3580 Tape Drive by managing it with tape management solutions such as Tivoli® Storage Manager or other third-party storage software.

Media

You can order data and cleaning cartridges for the IBM TotalStorage 3580 Tape Drive at the time of purchase or from IBM Media, IBM 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

Contact your IBM representative or IBM Business Partner or visit:

ibm.com/totalstorage/ito

IBM TotalStorage 3580 Tape Drive at a glance

Model number: L33 – LVD attach

Rack-mount option: Feature code 7003

Characteristics

Tape drive type:	IBM LTO Ultrium 3
Capacity per cartridge ¹ :	Up to 800GB compressed; 400GB native
Sustained data transfer rate ¹ :	80 MBps native
Media type:	IBM Ultrium 3
Data cartridge:	IBM TotalStorage LTO Ultrium 400GB Data Cartridge (PN 24R1922)
Cleaning cartridge:	IBM TotalStorage LTO Cleaning Cartridge (PN 35L2086)
Dimensions:	12.0cm H x 25.0cm W x 29.2cm D (4.75in x 9.85in x 11.50in)
Weight:	6.45 kg (14.2 lb)
Warranty:	Three-year, Customer Replaceable Unit (CRU) service 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 A at 100–240 V AC, 50/60 Hz

Attachment and systems support²

The IBM TotalStorage 3580 Tape Drive features an LVD Ultra160 SCSI interface attaching to IBM **@server** p5, pSeries®, **@server** i5, iSeries™, xSeries®, RS/6000®, RS/6000 SP™, AS/400® and Netfinity® systems as well as to non-IBM servers and workstations. As a SCSI-attached tape solution, the TotalStorage 3580 Tape Drive 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 IBM AIX®, OS/400® and i5/OS™; Microsoft® Windows® 2000 (build 2195 or greater) and Windows Server™ 2003 (build 3790 or greater); Sun Solaris 8 and 9; HP-UX 11.0 and 11i; and Red Hat Enterprise Linux® 3; SUSE LINUX Enterprise Server 8.

¹ Based on 2:1 compression

² Contact your IBM Representative for additional information



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