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## **Product Datasheet**

# **IBM Ultrium Tape Library 3582**

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An entry level, high-capacity, high-performance LTO  
Ultrium tape library for backup and archival solutions



## IBM TotalStorage™ Ultrium Tape Library 3582



### Highlights

- Offers capacity, performance, and reliability for midrange and network tape storage environments
- Provides a compact 4U standalone or rack mount configuration
- Patented multi-path architecture helps increase configuration flexibility with logical library partitioning
- Remote management capability is available through a Web browser
- Adheres to widely supported Linear Tape-Open™ (LTO) Ultrium™ design specifications
- Offers exclusive native switched fabric 2Gb Fibre Channel LTO Ultrium 2 Drives

### IBM TotalStorage Ultrium Tape Library 3582

Today, all types of businesses rely on data as a key corporate asset. They want to be able to access data quickly and reliably, archive large databases and retrieve them when needed, and complete these tasks economically.

By fully leveraging advanced Linear Tape-Open (LTO) technology, the TotalStorage Ultrium Tape Library 3582 is designed to provide a cost-effective solution for handling a wide range of backup, archive, and disaster recovery data storage needs.

### Advanced features

The IBM TotalStorage Ultrium Tape Library 3582 supports up to two IBM TotalStorage Ultrium 2 Tape Drives with up to 35 MB/sec native data transfer rates (70 MB/sec with 2:1 compression) per drive. It provides tape cartridge capacity up to 200GB native capacity (400GB with 2:1 compression) when using the new IBM TotalStorage LTO Ultrium 200GB Data Cartridge.

The IBM TotalStorage Ultrium 2 Tape Drives can read and write original LTO Ultrium data cartridges at first generation Ultrium 1 capacities with improved performance. The compact 4U 3582 Ultrium Tape Library is designed with a variety of advanced features. The new multi-path architecture is designed to

allow simultaneous attachment of heterogeneous servers and applications to LTO logical library partitions.

The 3582 Ultrium Tape Library has a barcode scanner for quick media verification and inventory. An LCD display on the front panel supports convenient local review of library status and provides control over local functions. LTO I/O expansion capability is available with a standard 1-cartridge I/O feature. Remote management capabilities using a Web browser provides library control and configuration. A control path failover for an AIX option is also available.

### Software support

You can maximize the power of the IBM TotalStorage Ultrium Tape Library 3582 by managing it with industry-leading tape management solutions such as Tivoli® Storage Manager or other industry-recognized storage software.

### Why IBM LTO?

IBM LTO Ultrium drives share best-of-breed technology. Advanced multi-track recording capabilities, state-of-the-art magneto-resistive (MR) heads, and a sophisticated track following servo system work together to produce extremely high recording densities. IBM Ultrium 2 drive enhancements include digital speed matching, power management, channel

## IBM TotalStorage Ultrium Tape Library 3582 at a glance

Model number	L23 Base Library with 23 cartridges, 1-I/O slot
Standalone feature code	2200
Rack-mount feature code	7003 rack mount kit
The IBM TotalStorage Ultrium Tape Library is a customer setup unit	

### Characteristics

Tape drive type	IBM LTO Ultrium 2
Number of drives	Up to 2
Number of tape cartridges	24
Capacity per cartridge <sup>1</sup>	Up to 400 GB per cartridge compressed; 200 GB native Up to 9.6TB per library compressed; 4.8TB native
Sustained data transfer rate <sup>1</sup>	Up to 70 MB/sec compressed; 35 MB/sec native
Aggregate sustained data rate <sup>1</sup>	Up to 494 GB/hour with two drives (compressed)
Media type	IBM TotalStorage LTO Ultrium 200GB Data Cartridge (P/N 08L9870) IBM TotalStorage LTO Universal Cleaning Cartridge (P/N 35L2086)
Dimensions	7.7" H x 17.9" W x 25.8" D (19.4 cm x 45.5 cm x 65.4 cm)
Weight	66.7 lb (30.3 kg) with two drives
Warranty	Three year, Customer Replaceable Unit (CRU) in most countries

### Operating environment

Temperature	10° to 38° C (50° to 100° F)
Relative humidity	20% to 80% (non-condensing)
Electrical power	1.5-0.6 amps (RMS) at 100-240 VAC, 50/60 Hz (max. configuration)

### Attachment and systems support<sup>2</sup>

The IBM TotalStorage Ultrium Tape Library 3582 features native switched fabric 2Gb Fibre Channel, LVD Ultra 160 SCSI and HVD Ultra SCSI interfaces attaching to IBM @server pSeries™, IBM @server iSeries™, IBM @server xSeries™, RS/6000®, RS/6000 SP/AS/400®, and IBM Netfinity® systems, and non-IBM servers, workstations, and personal computers.

### Operating systems support<sup>2</sup>

Device driver support is available for AIX®, OS/400®, Windows NT®, Windows® 2000; Windows Server® 2003; Sun Solaris; HP-UX; and Red Hat® and SuSE Linux®

<sup>1</sup> Based on 2:1 compression

<sup>2</sup> For latest information, consult Technical Support at [www.ibm.com/storage/lto](http://www.ibm.com/storage/lto)

calibration and 512 data tracks. Error correction code (ECC) function helps provide data integrity.

IBM and IBM authorized product resellers also provide service and technical support when you purchase an IBM LTO Ultrium solution—including a complete array of servers, software, printers, and storage devices.

### Media

You can order media for the IBM TotalStorage Ultrium Tape Library 3582 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](http://www.ibm.com/totalstorage/lto).



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Photography depicts design models. Actual product may show slight variations.

GB equals one billion bytes when referring to hard drive capacity; accessible capacity may be less.

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