

IBM TS2360 Tape Drive

Sixth-generation LTO Ultrium full-height tape drive

Highlights

- Helps reduce costs with lower power consumption and space reduction
 - Supports media partitioning on Linear Tape-Open (LTO) Ultrium 6 media
 - Simplify data management with IBM Spectrum Archive using LTFS technology
 - Improve the capacity and performance compared to LTO Ultrium 5 drives
 - More energy efficient than previous generations
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The IBM TS2360 Tape Drive—part of the entry-level IBM System Storage tape product family—supports the storage, security and compliance requirements of today’s organizations. The TS2360 leverages the newest generation of LTO Ultrium technology, helping to cost-effectively handle growing storage requirements.

The TS2360 Tape Drive is suited for handling backup, save and restore, and archival data storage needs with higher capacity and a higher data transfer rate than the previous generation. In addition, the LTO Ultrium 6 technology is designed to support media partitioning and LTFS technology. It also continues to support encryption of data and write-once-read-many (WORM) media.

The TS2360 Tape Drive is an excellent tape storage solution for organizations requiring backup and archival storage of their data. The data transfer rate of the TS2360 has increased over the previous LTO Ultrium generation to up to 160 MBps with 6 Gbps SAS interface connectivity. It also offers two SAS and one Ethernet port per drive to improve availability.

Advanced features

The TS2360 Tape Drive features 6 Gbps SAS interface for connection to a wide spectrum of open-system servers. The TS2360 is designed to address your most demanding backup and restore needs. The LTO Ultrium 6 tape media provides partitioning support, which, in conjunction with LTFS technology via IBM Spectrum Archive, provides organizations with the ability to have file-level access to tape data. This support helps quickly locate and update information on the tape media.

The LTO Ultrium 6 technology is also designed to support encryption of data. The hardware encryption and decryption core and control core reside in the LTO Ultrium 6 tape drive. A large 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.

Software support

You can help increase the power of the TS2360 Tape Drive by managing it with tape management solutions such as IBM Spectrum Protect or other, third-party storage software.

Spectrum Archive helps simplify direct access and management of the TS2360. With LTFS technology, Spectrum Archive enables tagging of files with any text, allowing for more intuitive searches of cartridge and drive content. The single drive edition features a graphical user interface, which helps reduce complexity by enabling an icon-based view of the tape drive, including tape cartridge and files, using the operating systems file manager.



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Media

The TS2360 Tape Drive supports the LTO Consortium compression specification for LTO Ultrium 6, supporting 6.25 TB per data cartridge (2.5 TB native)—over double the compressed capacity of the previous LTO Ultrium 5 cartridges. In addition to reading and writing to LTO Ultrium 6 tape cartridges, the TS2360 can read and write to LTO Ultrium 5 cartridges and can read LTO Ultrium 4 cartridges.



Customers can order data and cleaning cartridges for the TS2360 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.

IBM TS2360 Tape Drive at a glance

Available models	Model 3580 S63—one IBM LTO Ultrium 6 Tape Drive, 6 Gbps SAS interface
	PN 3580S6X
Tape drive type	IBM LTO Ultrium 6
Physical capacity	2.5 TB native; 6.25 TB with 2.5:1 compression
Number of tape drives	1
Number of tape cartridges	1
Data transfer rate	Up to 160 MBps native
Media type	Read and write:
	LTO Ultrium 6
	2.5 TB data cartridge
	2.5 TB WORM cartridge
	LTO Ultrium 5
	1.5 TB data cartridge
	1.5 TB WORM cartridge
	Read only:
	LTO Ultrium 4
	800 GB data cartridge
	800 GB WORM cartridge
	Also available:
IBM LTO Ultrium cleaning cartridge	
Weight	6.1 kg
Power requirements	100 - 240 V ac, 50 - 60 Hz auto-ranging
Dimensions (width x height x depth)	21.3 cm x 11.0 cm x 33.6 cm
Warranty	Three-year limited warranty, customer-replaceable unit (CRU) and on-site service in most countries, next business day 9x5, service upgrades available

Why IBM?

Designed to address the most demanding backup and archiving requirements, the IBM TS2360 Tape Drive supports high-performance, high-capacity LTO Ultrium 6 technology. In addition to the TS2360, IBM offers innovative technology, open standards, excellent performance, and a broad portfolio of storage-proven software, hardware and solutions offerings—all backed by IBM with its recognized leadership.

For more information

To learn more about the IBM TS2360 Tape Drive, please contact your IBM representative or IBM Business Partner, or visit the following websites:

- ibm.com/systems/storage/tape/ts2360/
- ibm.com/systems/storage/product/tape.html

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