

IBM System Storage TS2260 Tape Drive Express

*Sixth-generation LTO Ultrium, half-height
tape drive*



Highlights

- Designed to provide long-term backup and archive storage data protection while lowering overall storage costs
 - Easily access data stored on Linear Tape-Open (LTO) Ultrium 6 and 5 cartridges through the use of IBM Linear Tape File System™ technology
 - Gain more energy efficiency than with previous generations
 - Support media partitioning on LTO Ultrium 6 media and Linear Tape File System
 - Double the compressed cartridge capacity with more than 40 percent better performance than LTO Ultrium generation 5 drives
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The IBM System Storage® TS2260 Tape Drive Express® is the answer to growing storage requirements—and shrinking backup windows. Incorporating the latest generation of industry-leading LTO technology, the TS2260 Tape Drive is suited for handling backup, save and restore, and archival data storage needs with higher capacity and higher data transfer rates than the previous generation. In addition, the LTO Ultrium 6 technology is designed to support media partitioning and the IBM Linear Tape File System Single Drive Edition. It also continues to support encryption of data and Write Once Read Many (WORM) media.

The IBM System Storage TS2260 Tape Drive is an excellent tape storage solution for organizations requiring backup and low-cost, archival storage of data. The TS2260, with a half-height form factor, offers more capacity than the full height LTO Ultrium 5 tape drive in less space. The TS2260 provides a physical storage capacity of up to 6.25 TB (with 2.5:1 compression). The data transfer performance has increased over the previous LTO Ultrium half-height generation with a transfer rate of 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 TS2260 6 Gbps SAS interface enables it to connect to a wide spectrum of open-system servers. The LTO Ultrium 6 tape media provides partitioning support which, in conjunction with the Linear Tape File System Single Drive Edition, provides users with file-level access to tape data. This support helps users to quickly locate and update information on the tape media.

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

Software support

You can increase the power of the TS2260 Tape Drive by managing it with tape management solutions such as IBM Tivoli® Storage Manager or other third-party storage software.

The Linear Tape File System Single Drive Edition helps simplify direct access and management of the TS2260 by enabling file tagging with any text—which enables more intuitive searches of cartridge and drive content. The single drive edition features a graphical user interface that helps reduce complexity by enabling an icon-based view of the tape drive, including tape cartridge and files, using the operating system file manager.

Media

The TS2260 Tape Drive supports the LTO Consortium compressed specification for LTO Ultrium 6 at a 6.25 TB data cartridge (2.5 TB native), more than double the compressed capacity of the previous LTO Ultrium 5 cartridges. In addition



to reading and writing to LTO Ultrium 6 tape cartridges, the TS2260 can read and write to LTO Ultrium 5 cartridges and can read LTO Ultrium 4 cartridges.

Why IBM?

The performance and availability of your storage environment can either enhance or hamper your business processes. That's where IBM comes in. As a market leader in the storage industry, we can help you handle the challenges that your network or company as a whole encounters.

Innovative technology, open standards, excellent performance, a broad portfolio of storage-proven software, hardware and solutions offerings—all backed by IBM with its recognized leadership—are just a few of the reasons why you should consider IBM storage offerings.

IBM System Storage TS2260 Tape Drive Express at a glance

Available configurations	Model 3580 H6S—One LTO Ultrium 6 Tape Drive, 6 Gbps SAS interface PN 3580S6E
Tape drive type	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	<p>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</p> <p>Read only: LTO Ultrium 4 800 GB data cartridge 800 GB WORM cartridge</p> <p>Also available: LTO Ultrium cleaning cartridge</p>
Weight	4.3 kg
Power requirements	100 - 240 V ac, 50 - 60 Hz auto-ranging
Dimensions	21.3 cm W x 5.8 cm H x 33.2 cm D (8.39 in. x 2.29 in. x 13.07 in.)
Warranty	Three-year Limited Warranty, Customer Replaceable Unit (CRU) and on-site service in most countries, Next-Business-Day 9x5, service upgrades available

For more information

To learn more about the [IBM System Storage TS2260 Tape Drive Express](#), please contact your IBM representative or IBM Business Partner, or visit: ibm.com/systems/storage/tape/ts2260

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Systems and Technology Group
Route 100
Somers, NY 10589

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Actual available storage capacity may be reported for both uncompressed and compressed data and will vary and may be less than stated.



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