

IBM System Storage TS2250 Tape Drive Express

Fifth-generation, high capacity, half height Tape Drive



Highlights

- Helps reduce costs with lower power consumption, consolidation and space reduction
 - Supports media partitioning on LTO Ultrium 5 Media and new IBM Long Term File System technology
 - Nearly doubles the cartridge capacity of previous generation in a small half height form factor
 - Designed to address backup and archiving requirements with lower cost implementation
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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. The main challenge for midmarket CIOs is how to cost-effectively store, archive and retrieve an explosion of new information, how to protect and secure that information, meet compliance requirements and make information accessible for business insight, where and when it's needed.

The IBM System Storage™ TS2250 Tape Drive Express—the entry-level IBM System Storage tape product family offering—is the answer to growing storage requirements. Incorporating the latest generation of the industry-leading Linear Tape-Open™ (LTO™) technology, the TS2250 Tape Drive is suited for handling backup, save and restore, and archival data storage needs with higher capacity and higher data transfer rate than previous generation. In addition, the IBM Ultrium™ 5 technology is designed to support media partitioning, and the new IBM Long Term File System technology. It also continues to support encryption of data and WORM media.

The IBM System Storage TS2250 Tape Drive is an excellent tape storage solution for businesses requiring backup and low-cost, archival storage of their data. The TS2250, with a half height form factor, offers more capacity than the full height LTO 4 tape drive in less



space. The TS2250 provides a physical storage capacity of up to 3.0 TB (with 2:1 compression) in conjunction with the new IBM Ultrium 1.5 TB data cartridge, nearly double of the capacity of previous Ultrium 4 cartridges. The data transfer performance of the TS2250 Tape Drive has increased over the previous LTO half height generation with a transfer rate of up to 140 MBps with 6 Gbps SAS interface connectivity. It also now offers two SAS and one Ethernet port per drive to improve availability.

Advanced features

The IBM System Storage TS2250 Tape Drive features 6 Gbps SAS interface for connection to a wide spectrum of open system servers. The TS2250 is designed to address your backup and restore needs. The LTO Ultrium 5 Tape Media provides partitioning support, which, in conjunction with IBM Long Term File System technology, provides customers the ability to have file-level access to tape data. This new support helps quickly locate and update information on the tape media.

The IBM Ultrium 5 technology is also designed to support encryption of data. The hardware encryption and decryption core and control core resides in the IBM Ultrium 5 tape drive. In addition to reading and writing to Ultrium 5 tape cartridges, the TS2250 can read and write to Ultrium 4 cartridges and read Ultrium 3 cartridges.



Software support

You can help increase the power of the IBM System Storage TS2250 Tape Drive by managing it with tape management solutions such as IBM Tivoli® Storage Manager or other third-party storage software.

Media

You can order data and cleaning cartridges for the IBM TS2250 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 System Storage TS2250 Tape Drive Express at a glance

Available Configurations	Model 3580 H5S—One IBM Ultrium 5 Tape Drive, 6 Gbps SAS interface PN 3580S5E
Tape Drive Type	IBM LTO Ultrium 5
Physical Capacity	1.5 TB Native; 3.0 TB with 2:1 compression
Number of tape drives	1
Number of tape cartridges	1
Data transfer rate	Up to 140 MBps native
Media Type	IBM LTO 5 Data Cartridge IBM LTO Cleaning Cartridge Call 1-888-IBM-Media
Weight	4.3 kgs
Power requirements	100 - 240 V ac, 50 - 60 Hz autoranging
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, Customer Replaceable Unit (CRU) in most countries

For more information

To learn more about the [IBM System Storage TS2250 Tape Drive](#), please contact your IBM marketing representative or IBM Business Partner, or visit:

- ibm.com/systems/storage/tape/ts2250/index.html
- ibm.com/systems/storage/product/tape.html
- ibm.com/systems/storage/news/center/tape/ito/index.html

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