

# IBM System Storage TS2350 Tape Drive Express

*Fifth-generation, high capacity, full height  
Tape Drive*



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## 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 LTO Ultrium 4 drives
  - Designed to provide greater capacity and performance to address the most demanding backup and archiving requirements
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Our world has become more instrumented, interconnected and intelligent. In this new environment, where storage requirements are doubling every one to two years, smarter midsize companies strive to store, archive and retrieve information efficiently, while driving down IT costs. You need to protect and secure the information, meet compliance requirements and make your information available when you need it.

The IBM® System Storage™ TS2350 Tape Drive Express—part of the entry-level IBM System Storage tape product family—supports these needs by leveraging the newest generation of Linear Tape-Open™ (LTO) technology to help cost-effectively handle growing storage requirements.

The TS2350 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 TS2350 Tape Drive is an excellent tape storage solution for businesses requiring backup and archival storage of their data. The TS2350 offers high 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, which provides nearly the double of the capacity of previous Ultrium 4 cartridges. The data transfer rate of the TS2350 Tape Drive has increased over the previous LTO generation to up to 140 MBps with 6 Gbps SAS interface connectivity. It also offers two SAS and one Ethernet port per drive to improve availability.

### Advanced features

The IBM System Storage TS2350 Tape Drive features 6 Gbps SAS interface for connection to a wide spectrum of open system servers. The TS2350 is designed to address your most demanding 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 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. 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. In addition to reading and writing to LTO Ultrium 5 tape cartridges, the TS2350 can read and write to LTO Ultrium 4 cartridges and read LTO Ultrium 3 cartridges.



### Software support

You can help increase the power of the IBM System Storage TS2350 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 TS2350 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.

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**IBM System Storage TS2350 Tape Drive Express at a glance**

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<b>Available Configurations</b>	Model 3580 S53—One IBM Ultrium 5 Tape Drive, 6 Gbps SAS interface PN 3580S5X
<b>Tape Drive Type</b>	IBM LTO 5
<b>Physical Capacity</b>	1.5 TB Native; 3.0 TB with 2:1 compression
<b>Number of tape drives</b>	1
<b>Number of tape cartridges</b>	1
<b>Data transfer rate</b>	Up to 140 MBps native
<b>Media Type</b>	IBM LTO 5 Data Cartridge IBM LTO Cleaning Cartridge Call 1-888-IBM-Media
<b>Weight</b>	6.1 kgs
<b>Power requirements</b>	100 - 240 V ac, 50 - 60 Hz auto-ranging
<b>Dimensions</b>	21.3 cm W x 11.0 cm H x 33.6 cm D
<b>Warranty</b>	Three-year, Customer Replaceable Unit (CRU) in most countries

## For more information

To learn more about the [IBM System Storage TS2350 Tape Drive](#), please contact your IBM marketing representative or IBM Business Partner, or visit the following Web sites:

- [ibm.com/systems/storage/tape/ts2350/](http://ibm.com/systems/storage/tape/ts2350/)
- [ibm.com/systems/storage/product/tape.html](http://ibm.com/systems/storage/product/tape.html)

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