

# IBM TS2250 Tape Drive

Fifth-generation, high-capacity, half-height tape drive

Lenovo™



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 chief information officers (CIOs) is how to cost-effectively store, archive and retrieve an explosion of new information; how to protect and secure that information; and how to meet compliance requirements and make information accessible for business insight, where and when it's needed.

The IBM® TS2250 Tape Drive—the entry-level IBM tape product family offering—is the answer to growing storage requirements. Incorporating the latest generation of industry-leading LTO Ultrium 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 the previous generation. In addition, IBM LTO Ultrium 5 technology is designed to support media partitioning and IBM Linear Tape File System™ (LTFS) technology. It also continues to support encryption of data and write-once-read-many (WORM) media.

The TS2250 Tape Drive is an excellent tape storage solution for businesses requiring backup and low-cost, archival storage of their data. TS2250 provides a physical storage capacity of up to 3.0TB (with 2:1 compression) in conjunction with the IBM LTO Ultrium 1.5TB data cartridge, nearly double the capacity of LTO Ultrium 4 cartridges. The data transfer performance of the TS2250 tape drive has increased over the previous LTO Ultrium half-height generation with a transfer rate of up to 140MBps with 6Gbps SAS interface connectivity. The drive offers two SAS and one Ethernet port per drive to improve availability.

## Advanced Features

The TS2250 Tape Drive features 6Gbps SAS interface for connection to a wide spectrum of open-system servers. The LTO Ultrium 5 tape media provides partitioning support, which, in conjunction with LTFS technology (available via IBM Spectrum Archive™), provides customers with the ability to have file-level access to tape data. This support helps quickly locate and update information on the tape media.

LTO Ultrium 5 technology is also designed to support encryption of data. The hardware encryption and decryption core and control core resides in the LTO Ultrium 5 tape drive. In addition to reading and writing to LTO Ultrium 5 tape cartridges, the TS2250 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 TS2250 Tape Drive by managing it with tape management solutions such as IBM Spectrum Protect™ or other third-party, storage software.

# IBM TS2250 Tape Drive

## Specifications

<b>Available Configurations</b>	6160 H5S (Xcc) / 6160S5E (HVEC) — One LTO Ultrium 5 tape drive, 6Gbps SAS interface
<b>Tape Drive Type</b>	IBM® LTO Ultrium 5
<b>Physical Capacity</b>	1.5TB Native; 3.0TB 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 140MBps native
<b>Media Type</b>	<ul style="list-style-type: none"><li>• IBM LTO 5 Data Cartridge</li><li>• IBM LTO Cleaning Cartridge</li></ul>
<b>Weight</b>	4.3kg (9.5lbs)
<b>Power Requirements</b>	100 – 240V ac, 50 – 60Hz autoranging
<b>Dimensions (W x H x D)</b>	21.3 cm x 5.8 cm x 33.2 cm (8.39 in. x 2.29 in. x 13.07 in.)
<b>Warranty</b>	Three-year limited warranty, customer-replaceable unit and on-site service in most countries, next business day 9x5, service upgrades available

## Why Lenovo

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

## For More Information

To learn more about the IBM TS2250 Tape Drive, contact your Lenovo representative or Business Partner or visit:

[lenovo.com/systems/storage](http://lenovo.com/systems/storage)

**NEED SERVERS?** Learn more about Lenovo Servers  
[lenovo.com/systems/servers](http://lenovo.com/systems/servers)

**NEED SERVICES?** Learn more about Lenovo Services  
[lenovo.com/systems/services](http://lenovo.com/systems/services)



© 2015 Lenovo. All rights reserved.

**Availability:** Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC, 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, System x, ThinkServer are trademarks or registered trademarks of Lenovo. Microsoft and Windows are registered trademarks of Microsoft Corporation. IBM, the IBM logo, ibm.com, Linear Tape File System, Spectrum Archive and Spectrum Protect are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at [ibm.com/legal/copytrade.shtml](http://ibm.com/legal/copytrade.shtml).

Other company, product, and service names may be trademarks or service marks of others. Visit [www.lenovo.com/lenovo/us/en/safecomp.html](http://www.lenovo.com/lenovo/us/en/safecomp.html) periodically for the latest information on safe and effective computing.