

FIFTH-GENERATION

TS2250

TAPE DRIVE STORAGE



PROTECT AND SECURE INFORMATION, MEET COMPLIANCE REQUIREMENTS AND MAKE INFORMATION ACCESSIBLE.

**TAPE DRIVE TS2250 HIGHLIGHTS**

- Help reduce costs with lower power consumption, consolidation and space reduction
- Support media partitioning on Linear Tape-Open (LTO) Ultrium 5 media and Linear Tape File System™ (LTFS) technology
- Plug-and-play with SuperSpeed USB 3.0 option
- Address backup and archiving requirements with lower cost implementation

**MIDSIZED ORGANIZATIONS ARE CHALLENGED TO COST-EFFECTIVELY STORE, ARCHIVE AND RETRIEVE GROWING INFORMATION—AND TO PROTECT AND SECURE INFORMATION, MEET COMPLIANCE REQUIREMENTS AND MAKE INFORMATION ACCESSIBLE.**

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 TS2250 tape drive—an entry-level tape product family offering—is the answer to growing storage requirements. Incorporating the 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 previous generations. In addition, IBM LTO Ultrium 5 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 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 3.0 TB (with 2:1 compression) in conjunction with the LTO Ultrium 1.5 TB 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 140 MBps with 6 Gbps SAS interface connectivity. The drive offers two SAS and one Ethernet port per drive to improve availability. For plug-and-play installation, a USB 3.0 option is available.

**ADVANCED FEATURES**

The TS2250 Tape Drive features 6 Gbps SAS interface for connection to a wide spectrum of open-system servers. TS2250 is designed to address your backup and restore needs. The LTO Ultrium 5 tape media provides partitioning support, which, in conjunction with LTFS technology, 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, TS2250 can read and write to LTO Ultrium 4 cartridges and read LTO Ultrium 3 cartridges.

**PRODUCT SPECIFICATIONS**

Available configurations	TS2260 Tape Drive Model H6S 6160 H6S—One LTO Ultrium 5 tape drive, 6 Gbps SAS interface
Tape drive type	IBM LTO Ultrium 5
Physical capacity	1.5 TB Native; 3.0 TB with 2:1 compression
Tape drives	1
Tape cartridges	1
Power requirements	100 – 240 V ac, 50 – 60Hz autoranging
Data transfer rate	up to 140 MBps native

Media type	IBM LTO 5 Data Cartridge, IBM LTO Cleaning Cartridge
Weight	4.3 kg (9.5 lb)
Dimensions	21.3cm x 5.8cm x 33.2cm (8.39in. x 2.29in. x 13.07in.)
Warranty	Three-year limited warranty, customer-replaceable unit (CRU) and on-site service in most countries, next business day 9x5, service upgrades available

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