

IBM TS2270 Tape Drive

Seventh-generation LTO Ultrium
half-height tape drive

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Highlights

Get improved capacity
over previous generations

Provide data protection and
support media partitioning

Meet compliance
requirements with
hardware encryption
and WORM support

IBM® TS2270 Tape Drive is the answer to growing storage requirements and shrinking backup windows. Incorporating the latest generation of industry-leading LTO technology, the TS2270 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 7 technology is designed to support media partitioning as well as IBM Storage Archive technology. It also continues to support encryption of data and write-once, read-many (WORM) media.

The TS2270 Tape Drive is an excellent tape storage solution for organizations requiring backup and low-cost, archival storage of data. TS2270 provides a physical storage capacity of up to 15 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 300 Mbps with 6 Gbps SAS interface connectivity. The drive offers two SAS and one Ethernet port per drive to improve availability.



Get improved capacity

The TS2270 Tape Drive supports the LTO Consortium compressed specification for LTO Ultrium 7 at a 15 TB data cartridge (6 TB native), 2.4 times more compressed capacity than the previous LTO Ultrium 6 cartridges. In addition to reading and writing to LTO Ultrium 7 tape cartridges, TS2270 can read and write to LTO Ultrium 6 cartridges as well as read LTO Ultrium 5 cartridges.

Provide data protection and support media partitioning

You can increase the power of the TS2270 by managing it with tape management solutions such as IBM Storage Protect or third-party storage software. The LTO Ultrium 7 tape media provides partitioning support when used with IBM Storage Archive to give users file-level access to tape data. This support helps users to quickly locate and update information on the tape media. IBM Storage Archive features a graphical user interface that helps reduce complexity with an icon-based view of the tape drive. The view includes tape cartridge and files when used with the operating system file manager.

Meet compliance requirements

Meet compliance requirements with hardware encryption and write-once, read-many (WORM) support. Ultrium 7 technology is also designed to natively support data encryption, with core hardware encryption and decryption capabilities resident in the LTO Ultrium 7 tape drive itself.

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 organization encounters.

Innovative technology, open standards, excellent performance and 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.

For more information

To learn more about IBM TS2270 Tape Drive, contact your IBM representative or IBM Business Partner, or visit ibm.com/products/ts2270.

Additionally, IBM Global Financing provides numerous payment options to help you acquire the technology you need to grow your business. We provide full lifecycle management of IT products and services, from acquisition to disposition. For more information, visit ibm.com/financing.

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