



IBM System Storage TS2240 Tape Drive Express Model H4V

*Fourth-generation, high capacity, half-height Linear
Tape-Open Tape Drive*

Highlights

- Provides high-capacity tape storage in a small, half-height form factor to address backup and archiving requirements
 - Offers highly secure data storage using available hardware encryption
 - Provides a native data transfer rate of up to 120 MB/sec
 - Designed for the midrange open systems environment
 - Supports two TS2240 Model H4Vs side by side in a standard 19-inch rack using the optional Rack Mount Shelf
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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. Whether your business utilizes a high-performance network server or individual workstations, archiving and retrieving data in a dependable and consistent manner is mission critical.

The IBM System Storage® TS2240 Tape Drive Express Model H4V—one of the entry-level IBM System Storage tape product family offerings—is the answer to growing storage requirements and shrinking backup windows. Incorporating the fourth generation of advanced Linear Tape-Open® (LTO®) technology, the TS2240 Tape Drive is suited for handling the backup, save and restore, and archival data storage needs of a wide range of small systems. In addition, the TS2240 provides up to 6 Gbps Serial Attached SCSI (SAS) connectivity and the security of LTO-based data encryption.

The System Storage TS2240 Tape Drive is an excellent tape storage solution for businesses requiring backup or low-cost, real-time archival storage of their data. The TS2240, with a half-height form factor,





offers the same high capacity of full-height LTO-4 tape drives. The TS2240 has a physical storage capacity of up to 1.6 TB (with 2:1 compression) in conjunction with the IBM System Storage LTO Ultrium® 800 GB data cartridge, which provides up to twice the capacity of Ultrium 3 cartridges. The native data transfer performance of the TS2240 Tape Drive has increased over the previous LTO half-height generation to up to 120 MB/sec. The TS2240 Tape Drive continues to provide an excellent alternative to slower and smaller capacity 1/4-inch, 4 mm and 8 mm digital linear tape (DLT or SDLT) drives.

Advanced features

The IBM System Storage TS2240 Tape Drive Express Model H4V is designed to address your most demanding backup and restore needs, with a 6 Gbps SAS interface that enables connection to a wide spectrum of open system servers. A large internal data buffer helps improve data access rates and reduce cartridge fill and rewind times. In addition, dynamic channel calibration helps increase data throughput.

The TS2240 supports the LTO Ultrium 4 data encryption standard. In addition to reading and writing to LTO Ultrium 4 tape cartridges, the TS2240 can read and write to LTO Ultrium 3 cartridges and can read LTO Ultrium 2 cartridges.

Software support

The IBM System Storage TS2240 Tape Drive is designed to be managed by tape management software solutions such as IBM Tivoli® Storage Manager or other third-party storage software.

Media

Data and cleaning cartridges for the IBM TS2240 can be ordered at the time the drive is purchased 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 TS2240 Tape Drive Express at a glance

Model and Part number	Model Number: 3580 H4V Part Number: 3580S4V
Common features	
Tape Drive Type	IBM LTO Ultrium 4 half-height SAS tape drive V2
Physical Capacity	Up to 1.6 TB per cartridge with 2:1 compression; 800 GB native
Number of Tape Drives	1
Number of tape cartridges	1
Data transfer rate	Up to 120 MB/sec native
Recommended LTO 4 Tape Cartridges	IBM System Storage LTO Ultrium 800 GB Data Cartridge (95P4436) IBM System Storage LTO Ultrium 800 GB WORM Cartridge (95P4450)
Cleaning cartridge	IBM System Storage LTO Cleaning Cartridge (P/N 35L2086)
Weight	4.3 kg (9.4 lb)
Power requirements	1.0 - 0.5 A at 100 - 240 V ac, 50/60 Hz
Dimensions	21.3 cm W × 5.8 cm H × 33.2 cm D (8.4 in. × 2.3 in. × 13.1 in.)
Warranty	Three-year Customer Replaceable Unit (CRU) in most countries

For more information

To learn more about the [IBM System Storage TS2240 Tape Drive Express Model H4V](#), please contact your IBM representative or IBM Business Partner, or visit: ibm.com/systems/storage/tape/lto

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MB, GB and TB equal 1,000,000, 1,000,000,000 and 1,000,000,000,000 bytes, respectively, where referring to storage capacity. Actual storage capacity will vary based upon many factors and may be less than stated.



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