

# IBM System Storage TS2230 Tape Drive Express Model H3V

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



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## Highlights

- Provides a half-height form factor, stand-alone, entry-level Ultrium® tape solution for midrange and network tape storage environments
  - Is designed to provide cost-effective backup, save and restore, and archival storage external to the server
  - Adheres to widely supported Linear Tape-Open® (LTO®) standards
  - Supports two TS2230 Model H3Vs 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® TS2230 Tape Drive Express Model H3V—one of the entry-level IBM System Storage tape product family offerings—is the answer to growing storage requirements and shrinking backup windows. By leveraging advanced Linear Tape-Open technology and the half-height format, the TS2230 Tape Drive is suited for handling the backup, save and restore, and archival data storage needs of a wide range of small systems.

The System Storage TS2230 Tape Drive Express Model H3V is an excellent tape storage solution for businesses requiring backup or low-cost, real-time archival of their data within a small window of time.





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The TS2230 has a storage capacity of up to 800 GB (with 2:1 compression) when used with an LTO Ultrium 400 GB data cartridge, which is twice the capacity of Ultrium 2 technology. Along with its higher capacity, the performance of the TS2230 Tape Drive has more than doubled compared to the previous generation of half-height LTO drives on the market, with a native data transfer rate of up to 80 MB/sec. The TS2230 Tape Drive provides 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 TS2230 Tape Drive Express Model H3V has a 6 Gbps Serial Attached SCSI (SAS) interface that enables connection to a wide spectrum of open system servers. In addition to reading and writing to LTO Ultrium 3 tape cartridges, the TS2230 can read and write to LTO Ultrium 2 cartridges and can read LTO Ultrium 1 cartridges.

### Software support

The IBM System Storage TS2230 Tape Drive Express Model H3V 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 System Storage TS2230 Tape Drive Express Model H3V 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.

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**IBM System Storage TS2230 Tape Drive Express Model H3V at a glance**

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<b>Model and Part number</b>	Model Number: 3580 H3V Part Number: 3580S3V
<b>Rack-mount option:</b>	96P1565
<b>Characteristics</b>	
<b>Tape drive type:</b>	IBM LTO Ultrium 3 half-height SAS tape drive V2
<b>Capacity per cartridge:<sup>1</sup></b>	Up to 800 GB compressed; 400 GB native
<b>Sustained data transfer rate:</b>	Up to 80 MB/sec native
<b>Media type:</b>	IBM Ultrium 3
<b>Recommended LTO 3 Tape Cartridges</b>	IBM System Storage LTO Ultrium 400 GB Data Cartridge (P/N 24R1922) IBM System Storage LTO Ultrium 400 GB WORM Cartridge (P/N 96P1203)
<b>Cleaning cartridge:</b>	IBM System Storage LTO Cleaning Cartridge (P/N 35L2086)
<b>Temperature:</b>	10°C to 38°C (50°F to 100°F)
<b>Relative humidity:</b>	20% to 80% (non-condensing)
<b>Electrical power:</b>	1.0 - 0.5 A at 100 - 240 V ac, 50/60 Hz
<b>Dimensions:</b>	21.3 cm W x 5.8 cm H x 33.2 cm D (8.4 in. x 2.3 in. x 13.1 in.)
<b>Weight:</b>	4.3 kg (9.4 lb)
<b>Warranty:</b>	Three-year, Customer Replaceable Unit (CRU) service in most countries

## For more information

To learn more about the [IBM System Storage TS2230 Tape Drive Express Model H3V](#), please contact your IBM representative or IBM Business Partner, or visit:

[ibm.com/systems/storage/tape/ito](http://ibm.com/systems/storage/tape/ito)

Additionally, IBM Global Financing can tailor financing solutions to your specific IT needs. For more information on great rates, flexible payment plans and loans, and asset buy-back and disposal, visit: [ibm.com/financing](http://ibm.com/financing)



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<sup>1</sup> Based on 2:1 compression



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