

# IBM System Storage TS2900 Tape Autoloader Express

*Low profile, entry-level IBM LTO tape storage  
supported in open system platforms*



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## Highlights

- Slim profile, 1U system designed for rack system environments for automated, high-capacity tape storage
  - Features the latest generation of Linear Tape-Open (LTO) with Ultrium 6 half-height technology designed for reliable performance in small to midsize open-system environments
  - Lowest entry price of any IBM tape automation offering half-height tape technology
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The IBM System Storage® TS2900 Tape Autoloader Express® is designed for entry-level automated backup for rack system and small to midsize business environments. With a low-profile, high-density storage capacity, the TS2900 is ideally suited for backup and archival operations. The TS2900 is available with half-height LTO Ultrium 6, 5 or 4 tape technology for a high-capacity, entry-priced tape storage solution.

The TS2900 is equipped with standard features designed to provide ease-of-use and secured data backup. Web-based remote management, a bar code reader and a removable tape magazine help provide ease of use. The TS2900 can be used in a rack system or on a desktop next to a server in an office. These types of features help reduce the amount of required IT personnel, as well as help centralize backups in the data center. The TS2900 is also designed to support the encryption of sensitive user data in combination with half-height LTO Ultrium 6 or 5 tape technology. With a 6 Gbps serial-attached SCSI (SAS) interface, the TS2900 is supported on IBM Power Systems™, IBM System x®, Intel and other competitor open-system server platforms.



The TS2900 Tape Autoloader Express has a nine-data-slot cartridge capacity for a total storage capacity of up to 56.25 TB with 2.5:1 compression, as well as a single I/O station designed to provide undisturbed library operation when extracting or inserting data cartridges. The TS2900 utilizes one half-height LTO Ultrium drive—generation 6, 5 or 4. The TS2900 is shipped as a rack-mount unit with the option of a desktop conversion kit.

Half-height LTO Ultrium 6 tape drives are designed to read and write data at a transfer rate of up to 160 MBps and store up to 2.5 TB native on a single LTO Ultrium 6 data cartridge (6.25 TB with 2.5:1 compression). LTO Ultrium 6 technology is designed with the ability to read and write data to LTO Ultrium 5 data cartridges as well as read LTO Ultrium 4 data cartridges, thus helping to protect current investments in LTO Ultrium cartridges.



### **Why IBM?**

The IBM System Storage TS2900 Tape Autoloader Express demonstrates IBM innovation and business value through its wide array of features, high capacity and ease of use. In addition to the TS2900, IBM offers innovative technology, open standards, excellent performance and a broad portfolio of storage-proven software, hardware and solutions offerings.

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**IBM System Storage TS2900 Tape Autoloader Express at a glance**

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<b>Drive options</b>	Half-height LTO Ultrium 6: 6 Gbps SAS Half-height LTO Ultrium 5: 6 Gbps SAS Half-height LTO Ultrium 4: 6 Gbps SAS
<b>Available models</b>	LTO Ultrium 6 3572 S6H (AAS – AP, LA) 3572S6R (HVEC – WW) LTO Ultrium 5 3572 S5H (AAS – AP, LA) 3572S5R (HVEC – WW) LTO Ultrium 4 3572 S4H (AAS – WW) 3572S4R (HVEC – WW)
<b>Optional feature codes</b>	
<b>Desk-side cover kit</b>	PN 45E3789
<b>Additional tape magazine</b>	PN 45E3793
<b>Rack-mount kit</b>	PN 45E3785
<b>Number of tape drives</b>	1
<b>Tape cartridge capacity</b>	9
<b>I/O stations</b>	1
<b>Physical capacity</b>	LTO Ultrium 6: Up to 22.5 TB (56.25 TB with 2.5:1 compression) LTO Ultrium 5: Up to 13.5 TB (27 TB with 2:1 compression) LTO Ultrium 4: Up to 7.2 TB (14.4 TB with 2:1 compression)
<b>Data transfer rate</b>	LTO Ultrium 6: Up to 160 MBps LTO Ultrium 5: Up to 140 MBps LTO Ultrium 4: Up to 120 MBps
<b>Dimensions</b> (height × width × depth)	1.73 in. × 19.02 in. × 33.46 in. (44 mm × 483 mm × 850 mm)
<b>Weight</b>	28.6 lb (13 kg), without drive and cartridges
<b>Attachment and systems support</b>	The TS2900 supports 6 Gbps attachment available for selected IBM System servers and other Linux and Microsoft Windows open-system servers. Latest support information: <a href="http://ibm.com/systems/support/storage/config/ssic">ibm.com/systems/support/storage/config/ssic</a>

## For more information

To learn more about the IBM System Storage TS2900 Tape Autoloader Express, please contact your IBM representative or IBM Business Partner, or visit: [ibm.com/systems/storage/tape/ts2900/](http://ibm.com/systems/storage/tape/ts2900/)



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