



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 7 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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IBM TS2900 Tape Autoloader

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

The IBM® TS2900 Tape Autoloader 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 7, 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 7, 6, 5 or 4 tape technology. With a 6 Gbps serial-attached SCSI (SAS) interface, the TS2900 is supported on IBM Power Systems™, Intel and other open-system server platforms.



The TS2900 Tape Autoloader has a nine-data-slot cartridge capacity for a total storage capacity of up to 135 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—in generation 7, 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 7 tape drives are designed to read and write data at a transfer rate of up to 300 MBps and store up to 6 TB native on a single LTO Ultrium 7 data cartridge (15 TB with 2.5:1 compression). LTO Ultrium 7 technology is designed with the ability to read and write data to LTO Ultrium 6 data cartridges as well as read LTO Ultrium 5 data cartridges, thus helping to protect current investments in LTO Ultrium cartridges.



Why IBM?

The IBM TS2900 Tape Autoloader 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.

IBM System Storage TS2900 Tape Autoloader Express at a glance

Drive options	Half-height LTO Ultrium 7: 6 Gbps SAS Half-height LTO Ultrium 6: 6 Gbps SAS Half-height LTO Ultrium 5: 6 Gbps SAS Half-height LTO Ultrium 4: 6 Gbps SAS
Available models	LTO Ultrium 7 3572 S7H LTO Ultrium 6 3572 S6H LTO Ultrium 5 3572 S5H LTO Ultrium 4 3572 S4H
Optional feature codes	
Desk-side cover kit	FC # 7010
Additional tape magazine	FC # 8111
Rack-mount kit	FC # 7006
Number of tape drives	1
Tape cartridge capacity	9
I/O stations	1
Physical capacity	LTO Ultrium 7: Up to 54 TB (135 TB with 2.5:1 compression) 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)
Data transfer rate	LTO Ultrium 7: Up to 300 MBps LTO Ultrium 6: Up to 160 MBps LTO Ultrium 5: Up to 140 MBps LTO Ultrium 4: Up to 120 MBps
Dimensions (height × width × depth)	1.73 in. × 19.02 in. × 33.46 in. (44 mm × 483 mm × 850 mm)
Weight	28.6 lb (13 kg), without drive and cartridges
Attachment and systems support	The TS2900 supports 6 Gbps attachment available for selected IBM System servers and other Linux and Microsoft Windows open-system servers. Latest support information: ibm.com/systems/support/storage/config/ssic

For more information

To learn more about the IBM TS2900 Tape Autoloader, please contact your IBM representative or IBM Business Partner, or visit: ibm.com/systems/storage/tape/ts2900/



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