

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



IBM System Storage TS2900 Tape Autoloader



Highlights

- ***1U slim profile designed for rack system environments for automated, high-capacity tape storage***
- ***Features IBM half-high LTO technology designed for reliable performance in small-to-medium open system environments***
- ***Lowest entry price of any IBM tape automation offering IBM HH tape technology***

The IBM® System Storage™ TS2900 Tape Autoloader is designed for entry-level automated backup for rack system and small-to-medium 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 IBM HH LTO 3 or HH LTO 4 tape technology for a reliable, low entry-priced 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 the autoloader flexibility in application. The TS2900 can be used in a rack system, or on a desktop next to the office server. These types of features help reduce the requirements of IT personnel staff, as well as help centralize backup in the data center. The TS2900 also is designed to support the encryption of sensitive user data in combination with HH LTO 4 tape technology from IBM. With 3 Gbps SAS attach, the TS2900 is supported on IBM Power Systems, IBM System x™, Intel®, and other competitive open system server platforms.

The TS2900 Tape Autoloader has a 9 data slot cartridge capacity for a total storage capacity of up to 14.4 TB, as well as a single I/O station designed to provide undisturbed library operation when extracting or inserting data cartridges. The TS2900 utilizes one

IBM Half-high LTO drive, either an IBM half-high LTO generation 3 or an IBM half-high LTO generation 4. The TS2900 is shipped as a rack mount unit, with the option of a desktop conversion kit.

The 2900 supports Half-high LTO 4 and Half-high LTO 3 tape technology from IBM. IBM half-high Ultrium 4 tape drives

are designed to read and write data at a transfer rate of up to 120 MBps and store up to 800 GB native on a single Ultrium 4 data cartridge (1.6 TB with 2:1 compression). IBM Ultrium 4 technology is designed with the ability to read and write data to Ultrium 3 data cartridges as well as read Ultrium 2 data cartridges, thus helping to protect

current investments in LTO media.

The IBM half-high Ultrium 3 technology can read and write data up to 60 MBps for a data cartridge capacity of up to 400 GB native (800 GB with 2:1 compression). In addition, IBM Ultrium 3 tape drives can read and write data to Ultrium 2 data cartridges and read Ultrium 1 data cartridges.

IBM System Storage TS2900 Tape Autoloader at a glance

Drive Options	Ultrium 3 Half high: 3 Gbps SAS Ultrium 4 Half high: 3 Gbps SAS
Available Models	PN 3572S3R (HH LTO3) PN 3572S3E (HH LTO3 with desktop kit) PN 3572S4R (HH LTO4) PN 3572S3E (HH LTO4 with desktop kit)
Optional Feature Codes	
Deskside Cover kit	PN 45E3789
Additional Tape Magazine	PN 45E3793
Rack Mount Kit	PN 45E3785
Number of Tape Drives	1
Tape Cartridge Capacity	9
I/O Stations	1
Physical Capacity	LTO 3: Up to 3.6 TB (7.2 TB with 2:1 compression) LTO 4: Up to 7.2 TB (14.4 TB with 2:1 compression)
Data Transfer Rate	LTO3: Up to 60 MBps LTO4: Up to 120 MBps
Dimensions (W x H x D)	19.02 in x 1.73 in x 33.46 in (483 mm x 44 mm x 850 mm)
Weight	28.6 lbs. (13 kg), without drive and cartridges
Attachment and Systems Support	The TS2900 supports 3 Gbps attachment to IBM Power Systems, IBM System x, Intel and other open systems server platforms.

For more information

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

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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. Some numbers given for storage capacities give capacity in native mode followed by capacity using data compression technology.

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