

# 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 6Gbps serial-attached SCSI (SAS) interface, the TS2900 is supported on Lenovo System x, Lenovo ThinkServer, 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 135TB 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 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 300MBps and store up to 6TB native on a single LTO Ultrium 7 data cartridge (15TB 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 Lenovo

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

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## Specifications

<b>Drive Options</b>	<ul style="list-style-type: none"> <li>• Half-height LTO Ultrium 7: 6Gbps SAS</li> <li>• Half-height LTO Ultrium 6: 6Gbps SAS</li> <li>• Half-height LTO Ultrium 5: 6Gbps SAS</li> <li>• Half-height LTO Ultrium 4: 6Gbps SAS</li> </ul>
<b>Available Models</b>	<ul style="list-style-type: none"> <li>• LTO Ultrium 7 6171 S7H</li> <li>• LTO Ultrium 6 6171 S6H</li> <li>• LTO Ultrium 5 6171 S5H</li> <li>• LTO Ultrium 4 6171 S4H</li> </ul>
<b>Desk-side Cover Kit</b>	PN 00NA015 or feature code# AS1D
<b>Additional Tape Magazine</b>	PN 00NA019 or feature code# AS1K
<b>Rack-Mount Kit</b>	PN 00NA013 or feature code# 7006
<b>Number of Tape Drives</b>	1
<b>Tape Cartridge Capacity</b>	9
<b>I/O Stations</b>	1
<b>Physical Capacity</b>	<ul style="list-style-type: none"> <li>• LTO Ultrium 7: Up to 54TB (135TB with 2.5:1 compression)</li> <li>• LTO Ultrium 6: Up to 22.5TB (56.25TB with 2.5:1 compression)</li> <li>• LTO Ultrium 5: Up to 13.5TB (27TB with 2:1 compression)</li> <li>• LTO Ultrium 4: Up to 7.2TB (14.4TB with 2:1 compression)</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• LTO Ultrium 7: Up to 300MBps</li> <li>• LTO Ultrium 6: Up to 160MBps</li> <li>• LTO Ultrium 5: Up to 140MBps</li> <li>• LTO Ultrium 4: Up to 120MBps</li> </ul>
<b>Dimensions (Height x Width x Depth)</b>	1.73in. x 19.02in. x 33.46in. (44mm x 483mm x 850mm)
<b>Weight</b>	28.6lbs (13kg), without drive and cartridges
<b>Attachment and Systems Support</b>	The TS2900 supports 6Gbps attachment available for selected Lenovo 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>
<b>Warranty</b>	One-year CRU and onsite warranty with 9x5/next business day terms. Lenovo warranty service upgrade offerings are country-specific.

## For More Information

To learn more about the IBM TS2900 Tape Autoloader, contact your Lenovo representative or Business Partner or visit [lenovo.com/systems/storage](http://lenovo.com/systems/storage)

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