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Product Specification Sheet

6171S6R

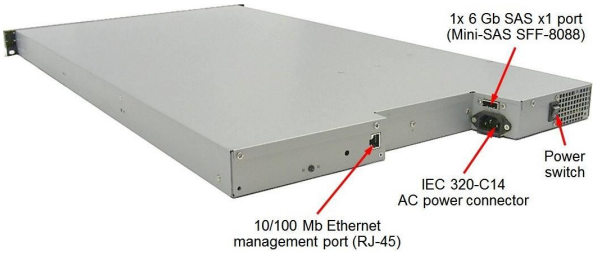
Lenovo TS2900 1U Tape Autoloader with LTO7 HH SAS drive & rack mount kit

Product Overview

Lenovo 6171S6R TS2900 1U tape autoloader with LTO7 HH SAS Drive, 1x 6Gb SAS x1 Port (Mini-SAS SFF-8088) Drive Interface, Rack Mount kit







Specifications

Overview:

IBM TS2900 Tape Autoloader for Lenovo (Machine Type 6171) is an entry-level compact 1U tape unit that offers IBM tape reliability, density, and performance for entry-level and compact tape libraries at a cost-effective price.

With a capacity of nine cartridges, the TS2900 Tape Autoloader is a rack-mountable or deskside unit that contains a single IBM LTO Ultrium half-high SAS tape drive. The choice of the tape drives includes IBM LTO Ultrium 8 Half-High SAS Tape Drive (Model S8H), IBM LTO Ultrium 7 Half-High SAS Tape Drive (Model S7H), IBM LTO Ultrium 6 Half-High SAS Tape Drive (Model S6H), or IBM LTO Ultrium 5 Half-High SAS Tape Drive (Model S5H).

The TS2900 is an ideal solution if you need an entry-level larger capacity or higher performance tape backup with or without random access. The TS2900 is an excellent choice for tape automation for Lenovo servers.

Features:

- An entry-level and compact tape library for high capacity, high performance, and high reliability.
- Adherence to LTO specifications.
- Support for one half-high LTO Ultrium 8, Ultrium 7, Ultrium 6, Ultrium 5, or Ultrium 6 SAS tape drive.

- Native cartridge capacity of up to 12 TB (Ultrium 8), 9 TB (Ultrium 7 initialized LTO 8 Type M), 6 TB (Ultrium 7), up to 2.5 TB (Ultrium 6), or up to 1.5 TB (Ultrium 5).
- Native data transfer rate of up to 300 MB/s (Ultrium 8 or Ultrium 7), up to 160 MB/s (Ultrium 6), or up to 140 MB/s (Ultrium 5).
- One removable magazine that houses nine data cartridges (including one I/O station) to enable quick population of the tape library and ease the storage needs for media.
- A single I/O station to help support continuous library operations, while importing and exporting media with little or no disruption to library operation.
- A standard bar code reader with which you can operate the TS2900 in sequential (autoloader) or random (library) access mode.
- Mixed media support, including IBM LTO Ultrium 8, 7, 6, and 5 Write Once Read Many (WORM) media.
- Remote management capabilities to allow for administration of the TS2900 through a web interface.
- Optional Library Managed Encryption on LTO Ultrium 8, 7, 6, and 5 SAS tape drives with a Transparent LTO Encryption feature.
- Optional rack-mount kits, deskside covers, and extra cartridge magazines.
- A 6 Gbps SAS attachment for connection to select Lenovo servers that run Microsoft Windows and Linux server operating systems.
- Support from an extensive ecosystem of backup software vendors.

Specifications:

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Specifications	
Product Code	6171S6R
Form factor	1U rack mount or standalone
Drive technology	LTO Ultrium 8, LTO Ultrium 7, LTO Ultrium 6, or LTO Ultrium 5 half-high drives
Drive interface	1x 6 Gb SAS x1 port (Mini-SAS SFF-8088)
Number of drives	1
Number of cartridge slots	9
Cartridge capacity (native / compressed)	LTO 8 (L8): 12 TB / 30 TB
	LTO 7 initialized LTO 8 Type M (M8): 9 TB / 22.5 TB
	LTO 7 (L7): 6 TB / 15 TB
	LTO 6 (L6): 2.5 TB / 6.25 TB
	LTO 5 (L5): 1.5 TB / 3.0 TB compressed
Total backup capacity (native / compressed)	LTO 8 (L8): Up to 108 TB / up to 270 TB
	LTO 7 (M8): Up to 81 TB / up to 202.5 TB
	LTO 7 (L7): Up to 54 TB / up to 135 TB
	LTO 6 (L6): Up to 22.5 TB / up to 56.25 TB
	LTO 5 (L5): Up to 13.5 TB / up to 27.0 TB

Data transfer rate (native / compressed)	LTO 8: Up to 300 MB/s / up to 750 MB/s
	LTO 7: Up to 300 MB/s / up to 750 MB/s
	LTO 6: Up to 160 MB/s / up to 400 MB/s
	LTO 5: Up to 140 MB/s / up to 280 MB/s
Software features	Transparent LTO encryption (optional).
Security features	Secure Socket Layer (SSL), user level security, LTO encryption (optional).
Management interfaces	Operator panel
	1x 10/100 Mbps Ethernet port (UTP, RJ-45) for remote management: Web-based GUI, SNMP and email notifications
Cooling	Fixed internal fans
Power supply	One 82 W AC fixed power supply with IEC 320-C14 power connector
Hot-swap parts	None
Dimensions	Height: 44 mm (1.7 in.), width: 483 mm (19.0 in.), depth: 850 mm (33.5 in.)
Weight	13 kg (28.7 lb)
Host operating systems	Microsoft Windows Server 2008 R2, 2012, 2012 R2, and 2016, Red Hat Enterprise Linux (RHEL) 6 and 7, SUSE Linux Enterprise Server (SLES) 11 and 12.
ISV backup software compatibility	Arcserve Backup, ASG Time Navigator, Barracuda Yosemite Backup, CommVault Simpana, Dell NetVault Backup, EMC NetWorker, IBM Spectrum Protect, Microsoft System Center Data Protection Manager, Symantec Backup Exec, Symantec NetBackup

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/6171S6R-Lenovo-TS2900-1U-Tape-Autoloader-with-LTO7-HH-SAS-drive-rack-mount-kit-p-237687.php

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