

HPE StoreEver MSL Entry-level Tape Automation



What's new

- HPE StoreEver MSL Entry-level Tape Automation now supports LTO-9 half-height drives.
- LTO-9 SAS drives are available over a 12 GB/s interface.
- The HPE Smart Choice Purchase Program features popular MSL library products that can be quoted in minutes and shipped quickly through HPE Authorized Partners.

Overview

HPE StoreEver MSL Entry-level Tape Automation products help SMB customers to meet long-term data retention requirements, as well as provide air-gapped data protection from the growing threat of ransomware. The HPE StoreEver MSL 1/8 autoloader and HPE StoreEver MSL2024 tape library offer broad capacity options including LTO-9, LTO-8, or LTO-7 Ultrium drives. HPE CVTL makes the MSL 1/8 autoloader and the MSL2024 tape library easy to manage from any location, mitigating the need for remote office IT staff. Simply manage tape media in and out of the library with the standard barcode reader, configurable mail slots, and removable magazines. If a tape were lost or stolen, protect important business data from unauthorized access with data encryption. Quickly increase capacity and/or performance with tool-free drive upgrades in the MSL 1/8 autoloader or MSL2024 tape library, or move tape drive kits to the MSL3040 or MSL6480 for library scalability and additional enterprise-class features.

Features

Exceptional Storage Density, Flexibility, and Protection

360 TB with HPE MSL 1/8 autoloader,
1.1 PB with HPE MSL2024
(2.5:1 compression using LTO-9 tape cartridges).

Protect critical business data from the growing threat of ransomware attacks by providing an air-gap that keeps data offline.

Increase capacity and/or performance with tool-free drive upgrade kits.

Safeguard your data in the library, and when it's offsite with several security

encryption offerings. Select from either the low-cost HPE StoreEver MSL encryption kit for small to medium business or leverage larger enterprise encryption options with support of KMIP-compliant encryption key servers.

Easy to Use and Manage

HPE Command View for Tape Libraries (CVTL) provides an easy-to-use web-based remote management interface that mitigates the need for remote office IT staff.

Easily manage your media both in or out of the tape autoloader/library with a standard barcode reader and removable magazines.

HPE StoreEver MSL Command View for Tape Libraries - TapeAssure Advanced provides an intuitive, easy to use dashboard and advance analytics for predictive analysis to proactively monitor utilization, operational performance, and overall life and health of the library, drives, and media.

Proven Reliability

HPE Storage tape products work with industry-leading servers, operating systems and backup software. See the HPE Storage compatibility matrix for more information: HPE Storage Single Point of Connectivity Knowledge - SPOCK

Long term data archiving with a specified 30-year media shelf life in normal ambient conditions.

Technical specifications

HPE StoreEver MSL Entry-level Tape Automation

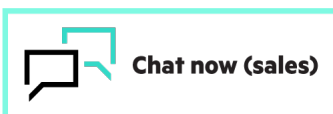
Drive type	LTO-9 Ultrium 45000; LTO-8 Ultrium 30750; LTO-7 Ultrium 15000
Capacity	360 TB compressed 2.5:1 for HPE 1/8 tape autoloader with LTO-9 tapes 1.1 PB compressed 2.5:1 for HPE MSL2024 with LTO-9 tapes
Host interface	8 GB/s Fibre Channel (LTO-7, LTO-8, LTO-9) 6 GB/s SAS (LTO-7, LTO-8) 12 GB/s SAS (LTO-9)
Transfer rate	300 MB/s
Number of cartridge slots	8 cartridge slots on HPE 1/8 tape autoloader 24 cartridge slots on HPE MSL2024
Encryption capability	AES 256-bit
Form factor	1U for HPE 1/8 tape autoloader 2U for HPE MSL2024
Product dimensions	Autoloader: 4.4 x 48.2 x 80.9 cm (HxWxD) MSL2024: 8.7 x 48 x 80.6 cm (HxWxD)
Weight	The weight of each library varies somewhat based on the type and number of LTO tape drives and LTO media contained in the configuration.
Warranty	The warranty for this product consists of 1-year parts exchange, next business day.



[For additional technical information, available models and options, please reference the QuickSpecs](#)

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Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

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- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product [PSN1011221564WWEN](#), December, 2024.