

# HPE StoreEver MSL Entry-level Tape Automation



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## 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.

## 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 MSL 1/8 autoloader and HPE StoreEver MSL2024 tape library offer broad capacity options including LTO-9, LTO-8, LTO-7, or LTO-6 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 bar code 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 bar code reader and removable magazines.

Proactively monitor utilization, operational performance, and overall life and health of the library, drives and media with HPE TapeAssure Advanced which is a licensed feature of CVTL. TapeAssure Advanced data is presented in graphs and charts within the CVTL interface.

### Proven Reliability

HPE StoreEver tape products work with industry-leading servers, operating systems and backup software. See the HPE StoreEver compatibility matrix for more information: <https://www.hpe.com/storage/StoreEverSupportMatrix>.

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

<b>Drive type</b>	LTO-9 Ultrium 45000 LTO-8 Ultrium 30750 LTO-7 Ultrium 15000 LTO-6 Ultrium 6250 LTO-5 Ultrium 3000
<b>Capacity</b>	360 TB compressed 2.5:1 for HPE 1/8 Tape Autoloader with LTO-9 1.08 PB compressed 2.5:1 for HPE MSL2024 with LTO-9
<b>Host interface</b>	8 Gb/sec Fibre Channel (LTO-6, LTO-7, LTO-8, LTO-9) 6 Gb/sec SAS (LTO-6, LTO-7, LTO-8) 12 Gb/sec SAS (LTO-9)
<b>Transfer rate</b>	1.08 TB/hr with 1 x LTO-9 drives for HPE 1/8 Tape Autoloader (native) 2.16 TB/hr with 2 x LTO-9 drives for HPE MSL2024 (native)
<b>Number of cartridge slots</b>	8 cartridge slots on HPE 1/8 Tape Autoloader 24 cartridge slots on HPE MSL2024
<b>Encryption capability</b>	AES 256-bit: LTO-9, LTO-8, LTO-7, LTO-6, LTO-5
<b>Form factor</b>	1U-2U depending on model
<b>Product dimensions</b>	Autoloader: 4.4 x 48.2 x 80.9 cm (HxWxD) MSL2024: 8.7 x 48 x 80.6 cm (HxWxD)
<b>Weight</b>	The weight of each library varies somewhat based on the type and number of LTO tape drives and LTO media contained in the configuration.
<b>Warranty</b>	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](#)

## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

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

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- 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.

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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  
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