



**Hewlett Packard**  
Enterprise

# HPE STOREEVER MSL3040 TAPE LIBRARY

## Business Class Libraries



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### WHAT'S NEW

- HPE StoreEver MSL3040 Tape Library now supports LTO-9 half-height drives.
- LTO-9 half-height SAS drives are available on a 12Gb/s interface.

### OVERVIEW

Is the global trend of exponential data growth affecting your business? The highly scalable HPE StoreEver MSL3040 Tape Library provides small to mid-sized organizations with flexibility for long-term data protection and retention of data storage assets. With its modular design and ability to upgrade and reuse HPE StoreEver MSL LTO upgrade drive kits, you can cost-effectively store up to 12.6PB of data. [1] The HPE StoreEver MSL3040 Tape Library offers exceptional enterprise features and functionality as standard providing advanced security features and reliability. It delivers a tape storage solution that addresses long-term data management challenges, while also providing an air-gapped, last line of

defense solution against the threat of ransomware.

## FEATURES

### Highly Scalable for Greater Flexibility

The HPE StoreEver MSL3040 Tape Library allows you to grow your storage capacity seamlessly with a single, scale-out architecture solution that addresses both your short-term and long-term storage needs.

Scale vertically from 40 to 280 cartridge slots to store up to 12.6PB in a single 19-inch rack simply adding additional modules to boost performance and capacity without the need to invest in a whole new library.

Add between 1 and 21 LTO-9, LTO-8, LTO-7, or LTO-6 half-height SAS or Fibre Channel (FC) drives. Drives and expansions are easily installed and configured, these upgrades are fast and non-disruptive.

### Cost Effective Tape Storage Solution

The HPE StoreEver MSL3040 Tape Library offers 13 cartridge slots or 585 TB [2] of capacity per 1U of rack space, scaling from 40 to 280 slots with a single expandable library; there is no need to replace it as your requirements grow.

For investment protection, you can reuse LTO-6, LTO-7, LTO-8, or LTO-9 drives from an MSL 1/8 autoloader, HPE StoreEver MSL2024 or HPE StoreEver MSL6480 in the HPE StoreEver MSL3040 Tape Library.

Partitioning allows each partitioned library to be presented to the host as an independent library, separate from other partitions in the library.

### Enterprise-class Manageability and Reliability

The HPE StoreEver MSL3040 Tape Library reduces human intervention and error by freeing up your resources with automated, consolidated and simplified data protection and archive capabilities adding more to your bottom line.

With HPE Command View for Tape Libraries (CVTL), the HPE StoreEver MSL3040 Tape Library can be managed, configured, and monitored from any remote location via a browser-based interface.

HPE TapeAssure Advanced is a licensed feature of CVTL. TapeAssure Advanced provides predictive, analytical reporting of health and performance information for all drives and cartridges. TapeAssure Advanced can also be used to track consumption metrics, enabling IT admins to make timely investments.

HPE data verification is another licensed feature of HPE CVTL that is supported with the MSL3040. Data verification software proactively validates and scans, non-disruptively, the quality of data stored on LTO tape cartridges, which helps ensure the successful retrieval of critical business data.

Easily manage your media both in or out of the library with a standard bar code reader and removable magazines.

### Reduce Risk with Advanced Security Features and Reliability

The HPE StoreEver MSL3040 Tape Library provides the ultimate 'last line of defense' protection against the threat of ransomware for medium-sized businesses, as data stored on tape can be 'air-gapped' from the network. This means it is completely inaccessible to cyber attackers.

The HPE StoreEver MSL3040 Tape Library also offers multiple options to



safeguard your data in the library or offsite with data encryption, depending on the requirements for policy, regulation, compliance, and centralized key management.

HPE secure manager license provides an additional level of security that lets you control access to the tape library by authorizing specific servers. It increases reliability by blocking disruptive traffic from unauthorized hosts to the library.

High availability path failover uses host drivers in conjunction with library and drive firmware to manage multiple paths across multiple SANs. It presents a single drive or robot path to applications and automatically transfer commands to an alternate path if the original one is lost.

## Technical specifications

## HPE StoreEver MSL3040 Tape Library

<b>Drive type</b>	LTO-9 Ultrium 45000 LTO-8 Ultrium 30750 LTO-7 Ultrium 15000 LTO-6 Ultrium 6250. Available with SAS and Fibre Channel interfaces
<b>Capacity</b>	Up to 12.6 PB, maximum assuming 280 slots with LTO-9 compressed 2.5:1
<b>Host interface</b>	8 Gb/s Fibre Channel 6 Gb/s SAS (LTO-6, LTO-7, LTO-8) 12 Gb/s SAS (LTO-9)
<b>Transfer rate</b>	Up to 72.45 TB/hr with 21 LTO-9 drives compressed 2.5:1
<b>Number of cartridge slots</b>	40 slots for the base module 40 slots per expansion module Scale from 40 to 280 slots in a fully expanded HPE StoreEver MSL3040 Tape Library
<b>Encryption capability</b>	AES 256-bit
<b>Form factor</b>	3U per module to a maximum of 21U
<b>Product Dimensions (metric)</b>	13.3 x 48.2 x 87.3 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>	1-year parts, 1-year labor, 1-year onsite support coverage. For more warranty information refer to <a href="https://h20564.www2.hp.com/hpsc/wc/public/home">https://h20564.www2.hp.com/hpsc/wc/public/home</a> .



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

## HPE POINTNEXT SERVICES

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### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

## HPE GREENLAKE

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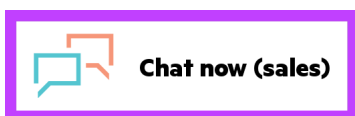
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[1] 280 slots with LTO-9 media compressed 2.5:1

[2] 13 slots with LTO-9 media compressed 2.5:1

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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.

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