HPE StoreEver MSL6480 Tape Library

Tape Storage

What's new

- The HPE StoreEver MSL6480 Tape Library now supports LTO-8 technology.
- HPE MSL6480 now supports path failover for LTO-8 drives besides LTO-7, LTO-6 and LTO-5 drives.
- The HPE StoreEver MSL6480 Tape Library now supports LTO-7 Type M media.

Overview

Are your ever expanding data storage, protection and retention needs getting out of hand? The HPE StoreEver MSL6480 Tape Library is the gold standard for mid-range tape automation, delivering best-in-class scalability, density, and performance to meet your short-term backup and disaster recovery data protection needs, as well as long-term archival requirements. Keep pace with data growth by seamlessly scaling up to 7 modules—without disrupting daily data protection. You also save extensive space, as the HPE MSL6480 provides the highest tape drive density per module of any mid-range tape library. The HPE MSL6480 Tape Library reduces the time and resources needed

to achieve enterprise-class manageability, equipping you with proactive monitoring on single pane of glass control. Reduce TCO by reusing current MSL tape drives and adding more capacity and performance as you need it. Competitively priced, the HPE MSL6480 Tape Library offers an outstanding return on your storage investment.

Features

Driving the Industry in Scalability for a Better Tape Solution

The HPE StoreEver MSL6480 Tape Library preserves your initial capital investment with a single solution that scales seamlessly to accommodate your requirements. You can effortlessly address both your short-term and long-term storage needs and respond to unpredictable growth, service or changes.

The HPE StoreEver MSL6480 Tape Library has scale-out architecture which allows you to pay as you grow - simply add in new modules to boost capacity and performance without investing in a whole new library. When needed, upgrades are fast and non-disruptive.

Scale vertically from 80 to 560 cartridge slots to store up to 8.4 PB[1] in a single 19-inch rack; add in between 1 to 42 LTO-8, LTO-7, LTO-6 or LTO-5 half-height SAS or FC drives for speeds of up to 60.4 TB/hour.[1]

You can easily manage expansion module installations as they are simple to configure and remove. The HPE MSL6480 features a touch operator control panel with wizards for easy install and configuration.

HPE StoreEver MSL Tape Libraries easily manage your media both in or out of the tape library with a standard bar code reader and configurable 10-slot removable magazines.

Reduce Administration Time—Enterprise-class Manageability and Reliability

The HPE StoreEver MSL6480 Tape Library will free up your resources with automated, consolidated and simplified data protection and archive capabilities that reduce human intervention and error, adding more to your bottom line.

Your administrators can manage, configure and use the library from across the room or across the globe with Hewlett Packard Enterprise-unique, web-based remote management and diagnostic tools.

Administrators can proactively and intelligently monitor utilization, operational performance and overall life and health of the library, drives and media with HPE TapeAssure Advanced Software.

HPE TapeAssure Advanced software provides a complete tape analytics infrastructure that is designed to reduce unscheduled backup downtime, mitigate the risks in hardware failures and increase the return on investment through higher asset utilization.

web: www.media-resources.co.uk
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Save Money – Reduce Power, Cooling, Floor Space and Hardware Costs

The HPE StoreEver MSL6480 Tape Library offers 13 cartridge slots, or up to 390TB per 1U of rack space using LTO-8 drives, while providing the highest tape drive density per module of any mid-range tape library, providing flexible options to consider for your business.

The HPE MSL6480 Tape Library offers scalability from 80 to 560 slots with a single expandable library, so there's no need to rip and replace as your storage requirements grow.

For unmatched investment protection, you can reuse any HPE MSL2024 or HPE MSL4048 tape drive canisters in the HPE MSL6480 Tape Library.

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

Reduce Risk—Dependable Multi-year Data Protection and Security

Safeguard your data in the library, after export, and when it's offsite with several security encryption offerings. Select from either the low-cost security solution for small to medium business or leverage larger enterprise encryption options with support of KMIP compliant encryption key servers.

Depend on long-term data archiving with media specified to a 30-year shelf-life in normal ambient conditions. Easily transport rugged LTO cartridges off-site for disaster recovery purposes, and use WORM media for protection against accidental overwrite.

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

HPE Data Verification Software is available on the HPE MSL6480 tape library to increase data restore reliability by scanning infrequently accessed LTO tapes to monitor data quality and media health.

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Technical specifications   HPE StoreEver MSL6480 Tape Library

Drive type	LTO-8 Ultrium 30750 LTO-7 Ultrium 15000 LTO-6 Ultrium 6250 LTO-5 Ultrium 3000 Available with SAS or Fibre Channel interfaces
Capacity	30TB starting 16.8PB maximum Assumes use of LTO-8 with 2.5:1 data compression
Host interface	8 Gb/sec Fibre Channel or 6 Gb/s SAS
Transfer rate	113.4 TB/hr maximum, compressed
Number of cartridge slots	80 slots per 6U Module, scale from 80 to 560 slots in a fully expanded HPE MSL6480 Tape Library
Encryption capability	AES 256-bit
Form factor	6U per module to a maximum of 42U
Minimum dimensions (H x W x D)	26.8 x 47.5 x 89.2 cm
Weight	43.6 kg
Warranty - year(s) (parts/labor/onsite)	1/1/1
Warranty	1-year parts, 1-year labor, 1-year onsite support coverage. For more warranty information refer to http://h20564.www2.hpe.com/hpsc/wc/public/home.

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For additional technical information, available models and options, please reference the QuickSpecs

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

[1] assumes LTO-8 with 2.5:1 data compression

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