HPE Storage MSL2024 Tape Library

HPE Storage MSL2024 Tape Library 1x MSL LTO-8 Fibre Channel 15x LTO-8 30TB Data Cartridges (P84144-B25)



What's new

- HPE Smart Choice with MSL2024 tape libraries featuring LTO-8 and LTO-9 drives are available with FC or SAS interfaces. These models can be quickly quoted and shipped through HPE authorized partners.

Overview

The HPE StoreEver MSL2024 Tape Library delivers reliable, cost-effective data protection for businesses that require unattended tape backup, disaster recovery, archival storage, and defense against cyber threats like ransomware. The MSL2024 offers a wide range of storage capacities and technologies, supporting LTO-9, LTO-8, and LTO-7 Ultrium tape drives. Capacity and performance can be quickly scaled with simple, tool-free drive upgrades, enabling you to manage growing data needs or transfer existing MSL tape drive kits between libraries for maximum investment protection.
Web-based remote management through HPE's Command View for Tape Libraries (CVTL) makes it easy to monitor and control the MSL2024 from anywhere. Efficient tape media handling is streamlined with a standard barcode reader and user-configurable mail slots for media management in and out of the library. Critical business data is safeguarded with multiple data encryption options to prevent unauthorized access.

Features

Exceptional Storage Density

HPE StoreEver MSL2024 Tape Library offers up to 1.1 PB of 2.5:1 compressed storage capacity using LTO-9 in a rack-ready form factor.

Simplified Management

The HPE StoreEver MSL2024 Tape Library simplifies data protection with automated, reliable archiving in a compact, efficient design. It reduces manual intervention and helps ensure data integrity, making it ideal for small to mid-sized IT environments.

HPE Command View for Tape Libraries (CVTL) provides a centralized, intuitive interface to configure, manage, and monitor tape libraries from a single console—whether on-site or remotely. It streamlines operations by offering real-time status updates and easy access to library settings.

Upgrade with HPE Command View for Tape Libraries - TapeAssure Advanced for predictive analytics and detailed health and performance reporting on all drives and cartridges. This empowers IT teams to optimize resources, plan proactively, and maintain smooth, reliable operations.

Flexible and Reliable

Expand capacity or performance with easy-to-install LTO drive upgrade kits. Add an LTO-9, LTO-8, or LTO-7 drive, or reuse one from an existing HPE MSL 1/8 autoloader or MSL Tape Library. No additional license fees apply when adding drives to an existing library.

HPE StoreEver MSL Tape Libraries provide SAS and Fibre Channel (FC) interface options, offering enhanced flexibility for seamless integration into both SAS and FC SAN environments.

HPE StoreEver MSL Tape Libraries work with industry-leading servers, operating systems, and backup software. For more information, please see the HPE Storage Single Point of Connectivity Knowledge - SPOCK.

Removable magazines with user-configurable mail slots.

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

Advanced Security Features

Protect your data with HPE's AES 256-bit hardware encryption and compression. Choose the affordable HPE StoreEver 1/8 G2 Tape Autoloader and MSL Tape Library Encryption Kit for SMBs or scale up with enterprise-ready, KMIP-compliant encryption and the KMIP 1.2 Encryption Key Manager License.

Technical specifications	HPE Storage MSL2024 Tape Library 1x MSL LTO-8 Fibre Channel 15x LTO-8 30TB Data Cartridges
Product Number	P84144-B25
Drive type	LTO-8 Ultrium 30750
Capacity	30 TB compressed 2.5:1 maximum
Host interface	8 GB/s Native Fibre Channel; 12 GB/s SAS (LTO-9), 6 GB/s SAS (LTO-7 and LTO-8)
Transfer rate	300 MB/s
Number of cartridge slots	24 cartridge slots
Encryption capability	AES 256-bit
Form factor	2U
Warranty	Hewlett Packard Enterprise provides a 1-year, next business day on-site, part exchange, limited warranty for the MSL2024 Tape Library and its components including drives, plus 9x5 phone support for the duration of the warranty. For more details, please visit HPE Services.

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.

Advisory & Professional 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.

Support 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.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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

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

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.

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

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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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