



Fact Sheet

HP Debuts New Scalable Tape Library for Backup and Archive in Midsized Organizations

HP StoreEver MSL6480 offers best-in-class scale and density to meet data growth demands

Overview

An unprecedented and unpredictable proliferation of data is being driven primarily by the increase in unstructured content. This growth, combined with the need to maintain data for longer periods of time, is creating scalability, security and cost challenges for data protection and archive. However, midsized companies cannot afford large enterprise systems to meet these escalating data requirements.

Unlike traditional monolithic tape libraries, which can only scale in large increments, the new HP StoreEver MSL6480 Tape Library is built on a modular, scalable architecture specifically designed to meet both the short-term data protection and long-term archive requirements of midsize businesses. The HP MSL6480 can start small and grow flexibly as needs change, offering a combination of industry-leading scalability, density and performance at a competitive price point.⁽²⁾

Best-in-class capacity and performance scalability

Keeping up with unpredictable data growth, unexpected spikes in demand for services, and variances in backup windows and retention periods is challenging for midsize organizations. They need fast storage systems with flexibility to increase performance and capacity on an as-needed basis without impacting productivity.

The MSL6480 delivers performance of up to 60.4 TB/hour and accommodates scalable data growth from 240 TB to 3.5 PB in a single tape library. This represents 2.1-times faster performance, 1.3-times more scalability and 1.3-times more density than the nearest competitive midrange tape library.⁽¹⁾

Other customer benefits include:

- A “pay as you grow” pricing model that enables customers to purchase additional tape drives to increase capacity and boost performance.
- Reduced costs with the ability to scale from 80 to 560 slots without the need to rip and replace smaller, individual products as storage needs grow.
- Effortlessly increase performance and capacity with continuous robotics and expansion modules for easy addition of tape drives and cartridges.

Easy to install with the highest storage density of any midrange tape library

The MSL6480 is customer-installable and easy to configure without complicated cabling, tools or technical support. It provides storage density of 81 TB per 1U, or 1.75 inches, of rack space, enabling customers to share racks with other hardware. High storage density reduces power and cooling consumption, minimizes storage footprint requirements and lowers costs. Customers can further maximize their investment in HP StoreEver MSL Tape Library models by reusing existing HP StoreEver MSL tape drives and tape media to avoid reoccurring costs.

Making offline storage as easy to use and manage as online storage

The MSL6480 simplifies data protection management and archiving for midsized businesses with:

- [HP StoreEver Tape Assure](#) technology, which delivers intelligent, proactive and predictive reporting on tape library performance, utilization and health.
- Front-panel color touch screen, web-based remote management and diagnostics from across the room or across the globe.
- [HP StoreOpen with LTFS](#) for “Tape as NAS” file management capabilities, making tape as easy to access and share as disk based file systems.
- Support for Linear Tape Open (LTO) standards allowing the reuse of current HP MSL Tape Storage drives and LTO tape media in new MSL6480 tape libraries for investment protection.

Enhancing security of long-term data retention and protection

When paired with [HP StoreOnce Backup](#) for information protection or [HP StoreAll Storage](#) for information retention, HP StoreEver MSL6480 Tape Storage reduces risk by placing data on offline, portable media for protection against online threats such as viruses.

HP StoreEver MSL6480 Tape Storage also features library-based encryption and key management as well as Write Once, Read Many (WORM) protection to prevent accidental overwrites.

The MSL6480 seamlessly integrates with HP Converged Storage, HP Data Protector, and leading third-party backup and archive software and solutions. As a result, it delivers a comprehensive, tiered data protection and archive architecture that balances cost and performance.

The new HP StoreEver MSL6480 Tape Library is the latest addition to the industry’s broadest tape storage portfolio, HP StoreEver Tape Storage.⁽²⁾ The HP StoreEver Tape Storage family includes tape media, tape drives and tape libraries that store up to 75 petabytes (PB) of data in a single tape library.⁽³⁾ In addition, HP StoreEver Tape Storage drives and libraries support removable tape media for virtually limitless capacity, to support growing digital archives.

An HP StoreEver Tape Storage info-graphic about the changing role of tape is available at <http://h17007.www1.hp.com/us/en/storage/nextera/assets/tape-disk-infographic.pdf>.

Pricing and availability⁽⁵⁾

The HP StoreEver MSL6480 scalable base module is available immediately at an entry price of \$30,000. HP Data Protector 8 is available at a starting price of \$1,238. Both offerings are available worldwide from HP and authorized channel partners.

- (1) Based on HP internal comparison of published specifications of similarly priced and featured competitive products, accurate as of May 2013.
- (2) Using a fully populated 16 frame ESL G3 LTO-6 tape library with 2.5:1 compression.
- (3) Based on HP internal comparative analysis of publicly available data from major competitors.
- (4) 400 MB/sec LTO 6 performance at 2.5:1 compression, 100 parallel tape drives in a single backup session.
- (5) Estimated U.S. list prices. Actual prices may vary.

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