



Spectra Stack

Modern Storage for Today's Data Center

The Spectra Stack is a versatile tape library system designed for scalability and high-capacity data storage. It provides flexibility for growing organizations, accommodating substantial data volumes effectively. Known for reliability and data protection, it's a robust solution for secure, long-term data management.



Versatile Configuration and Scalability

Spectra Stack offers flexibility by supporting both full-height and half-height tape drives, interoperability with multiple LTO tape drive generations, expandability with up to 80 slots and 6 drives, and scalability to handle up to 7 modules in a single rack.

Reliable Data Protection

Spectra Stack is built for uninterrupted performance in demanding environments, serving as a dependable archive and backup solution. It safeguards your data with air-gap copies, ensuring immunity against infections or accidental deletions when not on the network.

Economic Excellence

Spectra Stack's industry-leading cost efficiency, with prices as low as 1 cent per gigabyte, makes it the ultimate choice for organizations seeking budget-conscious data management solutions. Designed with economic prudence in mind, it seamlessly manages data growth while upholding financial stewardship.

Enhanced Application Efficiency

Spectra Stack enhances productivity by concurrently running up to 20 applications through library partitioning. This approach streamlines data management, ensuring uninterrupted access to critical data and applications.

Efficient Library Management

The software simplifies library management with an intuitive touchscreen, remote web interface, and up to 20 partitions. It includes diagnostics, media lifecycle management, and robust encryption with key management. An optional SpectraVision web camera allows visual monitoring of robotics and components.

*Remote web interface
for computer*

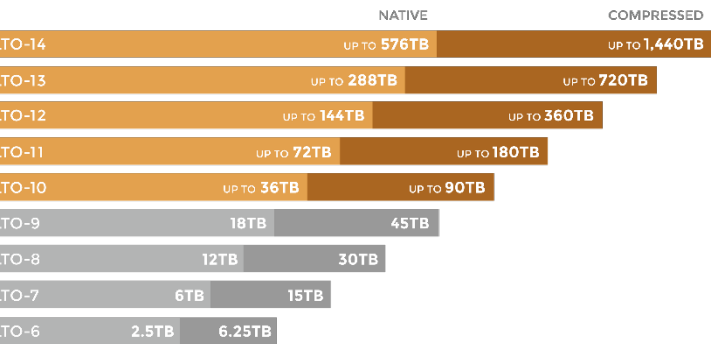
*Convenient front
panel color
touchscreen*



Tape Solutions Overview

LTO Roadmap

The comprehensive LTO roadmap ensures a promising future for tape technology, providing assurance to organizations relying on tape for its unparalleled capacity, performance, reliability, portability, and cost-effectiveness advantages.



Data Integrity Assurance

Spectra Certified Media delivers the most reliable media on the market. Every cartridge is cleaned, tested, and verified to pass the highest quality standard before being delivered to the customer. It comes with a lifetime warranty because the technology guarantees that media is delivered ready for peak performance and continuously monitored for quality to protect your data.

Effortless Tape Drive Migration

MigrationPass enables the seamless migration of LTO tape drives and media from diverse tape libraries into the scalable and high-capacity Spectra Stack, ensuring the preservation of your capital investments.

LTO Specifications

Library	Max Media/Slot Count	Max Native Capacity	Max Compressed Capacity*	Max Drives ²	Max Native Throughput (TB/hr)	Max Compressed Throughput* (TB/hr)	Max SLS Partitions	Tape Drive Supported
Spectra Stack (1CM)	80	1.4PB	3.6PB	6 HH (LTO) 3 FH (LTO)	4.3	9.7	20	LTO
Spectra Stack (1CM, 1EM)	160	2.9PB	7.2PB	12 HH (LTO) 6 FH (LTO)	8.6	19.4	20	LTO
Spectra Stack (1CM, 2EM)	240	4.4PB	10.2PB	18 HH (LTO) 9 FH (LTO)	12.9	29.2	20	LTO
Spectra Stack (1CM, 3EM)	320	5.8PB	14.4PB	24 HH (LTO) 12 FH (LTO)	17.3	38.9	20	LTO
Spectra Stack (1CM, 4EM)	400	7.2PB	18PB	30 HH (LTO) 15 FH (LTO)	21.6	48.6	20	LTO
Spectra Stack (1CM, 5EM)	480	8.6PB	21.6PB	36 HH (LTO) 18 FH (LTO)	25.9	58.3	20	LTO
Spectra Stack (1CM, 6EM)	560	10.8PB	25.2PB	42 HH (LTO) 21 FH (LTO)	34.2	68	20	LTO

* Compression ratio for LTO is 2.5:1 ² Half-height drives support Fibre and SAS, Full-height drives support Fibre (also SAS for LTO-9)