



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

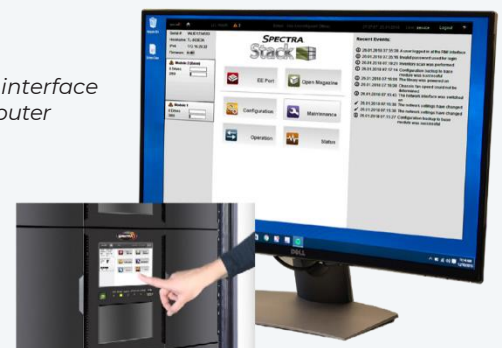
Spectra Stack enhances productivity by concurrently running up to 20 applications through library partitioning. This approach streamlines data management, ensuring uninterrupted access to critical data and applications.

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*

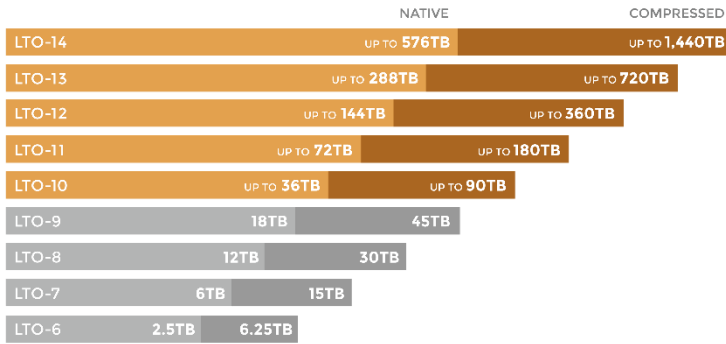
*Convenient front
panel color
touchscreen*



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 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

No. of Modules	Form Factor	Max Slots	Maximum Capacity							
			LTO-9		LTO-8		LTO-7 Type M***		LTO-7	
			Native	Compressed†	Native	Compressed†	Native	Compressed†	Native	Compressed†
1 (1 CM*)	6U	80	1.44 PB	3.6 PB	960 TB	2.4 PB	720 TB	1.8 PB	480 TB	1.2 PB
2 (1 CM, 1 EM**)	12U	160	2.88 PB	7.2 PB	1.9 PB	4.8 PB	1.4 PB	3.6 PB	960 TB	2.4 PB
3 (1 CM, 2 EM)	18U	240	4.32 PB	10.8 PB	2.8 PB	7.2 PB	2.1 PB	5.4 P	1.4 PB	3.6 PB
4 (1 CM, 3 EM)	24U	320	5.76 PB	14.4 PB	3.8 PB	9.6 PB	2.8 PB	7.2 PB	1.9 PB	4.8 PB
5 (1 CM, 4 EM)	30U	400	7.20 PB	18 PB	4.8 PB	12.0 PB	3.6 PB	9.0 PB	2.4 PB	6.0 PB
6 (1 CM, 5 EM)	36U	480	8.64 PB	21.6 PB	5.7 PB	14.4 PB	4.3 PB	10.8 PB	2.8 PB	7.2 PB
7 (1 CM, 6 EM)	42U	560	10.08 PB	25.2 PB	6.7 PB	16.8 PB	5.0 PB	12.6 PB	3.3 PB	8.4 PB

No. of Modules	Form Factor	Max Drives	Maximum Throughput Performance – TB/Hr							
			LTO-9				LTO-8			
			Full Height Drive		Half Height Drive		Full Height Drive		Half Height Drive	
			Native	Compressed†	Native	Compressed†	Native	Compressed†	Native	Compressed†
1 (1 CM*)	6U	6 HH, 3 FH	4.32	10.80	6.48	15.12	3.89	8.10	6.48	15.12
2 (1 CM, 1 EM**)	12U	12 HH, 6 FH	8.64	21.60	12.96	30.24	7.78	16.20	12.96	30.24
3 (1 CM, 2 EM)	18U	18 HH, 9 FH	12.96	32.40	19.44	45.36	11.66	24.30	19.44	45.36
4 (1 CM, 3 EM)	24U	24 HH, 12 FH	17.28	43.20	25.92	60.48	15.55	32.40	25.92	60.48
5 (1 CM, 4 EM)	30U	30 HH, 15 FH	21.60	54.00	32.40	75.60	19.44	40.50	32.40	75.60
6 (1 CM, 5 EM)	36U	36 HH, 18 FH	25.92	64.80	38.88	90.72	23.33	48.60	38.88	90.72
7 (1 CM, 6 EM)	42U	42 HH, 21 FH	30.24	75.60	45.36	113.4	27.22	56.70	45.36	113.4

*Controller Module **Expansion Module ***New, unused LTO-7 generation tapes can be initialized as LTO-7 Type M media †Assumes 2.5:1 compression Specifications subject to change without notice