

SPECTRA Stack

Spectra's New Stackable Tape Library with easy scalability and maximum reliability built in.

Built with maximum flexibility at its core, the Spectra® Stack Tape Library will meet your backup, archive, and perpetual storage requirements. Designed to be easily installed, expanded and managed, the Spectra Stack is rated at a 100% duty cycle – meaning it is one of the only stackable libraries built to perform in a 24/7 environment. Spectra Stack starts as a 6U library with 1 to 6 LTO tape drives and 10 to 80 LTO tape slots. Each module of the Spectra Stack holds an additional 10 to 80 tape slots and 1 to 6 tape drives. Scalable from 10 to 560 tape slots and 1 to 42 tape drives, users can store more than 6.7PB (16.7PB compressed*) of data in a fully expanded Spectra Stack library.

No. of Modules	Form Factor	Max Slots	Maximum Capacity					
			LTO-7		LTO-M8***		LTO-8	
			Native	Compressed†	Native	Compressed†	Native	Compressed†
1 (1 CM*)	6U	80	480 TB	1.2 PB	720 TB	1.8 PB	960 TB	2.4 PB
2 (1 CM, 1 EM**)	12U	160	960 TB	2.4 PB	1.4 PB	3.6 PB	1.9 PB	4.8 PB
3 (1 CM, 2 EM)	18U	240	1.4 PB	3.6 PB	2.1 PB	5.4 PB	2.8 PB	7.2 PB
4 (1 CM, 3 EM)	24U	320	1.9 PB	4.8 PB	2.8 PB	7.2 PB	3.8 PB	9.6 PB
5 (1 CM, 4 EM)	30U	400	2.4 PB	6.0 PB	3.6 PB	9.0 PB	4.8 PB	12.0 PB
6 (1 CM, 5 EM)	36U	480	2.8 PB	7.2 PB	4.3 PB	10.8 PB	5.7 PB	14.4 PB
7 (1 CM, 6 EM)	42U	560	3.3 PB	8.4 PB	5.0 PB	12.6 PB	6.7 PB	16.8 PB

No. of Modules	Form Factor	Max Drives	Maximum Performance – TB/Hr			
			LTO-8			
			Full Height Drive		Half Height Drive	
			Native	Compressed†	Native	Compressed†
1 (1 CM*)	6U	6 HH, 3 FH	3.89	8.10	6.48	15.12
2 (1 CM, 1 EM**)	12U	12 HH, 6 FH	7.78	16.20	12.96	30.24
3 (1 CM, 2 EM)	18U	18 HH, 9 FH	11.66	24.30	19.44	45.36
4 (1 CM, 3 EM)	24U	24 HH, 12 FH	15.55	32.40	25.92	60.48
5 (1 CM, 4 EM)	30U	30 HH, 15 FH	19.44	40.50	32.40	75.60
6 (1 CM, 5 EM)	36U	36 HH, 18 FH	23.33	48.60	38.88	90.72
7 (1 CM, 6 EM)	42U	42 HH, 21 FH	27.22	56.70	45.36	105.84



Full Rack: Controller Module plus 6 expansion modules

Controller Module

*Controller Module
 **Expansion Module
 ***LTO-M8 = LTO-7 Type M
 †Assumes 2.5:1 compression

Efficient data migration capabilities

Both Spectra and the Spectra Stack library make any migration plan seamless. Tape is designed for long-term data storage, but too often users are required to sacrifice their existing investment in tape drives when they move to a new tape library. Spectra Stack's MigrationPass eliminates the need to make that costly decision. MigrationPass starts with the unique ability to migrate your existing LTO tape drives into the Spectra Stack library. This unprecedented offering protects user investment while providing a truly open approach to working with a technology designed for multi-generation use. Let our experts guide you through the process.



BlueVision™ management suite

Easy to use and manage, the library's BlueVision software provides a similar feature set as the rest of the Spectra tape library family, including an intuitive color touchscreen, remote web interface, ability to create partitions (up to 20), built-in diagnostics, Media Lifecycle Management, Drive Lifecycle Management, encryption, and encryption key management. An optional SpectraVision camera can be mounted inside the rack to provide an immediate visual assessment of all robotics.



Convenient front panel color touchscreen



View of robotics from optional internal web cam

Remote web interface for computer