OVERLAND TANDBERG

neoseries®

NEO XL-Series Family

Automated Mid Range and Enterprise Data Storage

Helping IT managers keep pace with today's incredible data growth rates

NEW Now available with LTO-8

The NEO XL-Series ensures that data is protected faster, smarter, easier and more cost-effectively.

Highlights

- Capacity ranging from 200TB to 16.8PB

- Data transfer rates ranging from 576 Gb/hr. to 113TB/hr.

- Rack-friendly form factor for optimal density & use of valuable rack space

- Intelligent monitoring management and diagnostics

- Ability to scale capacity and performance as needed

- Redundant data path and control path for increased data availability

- Redundant power for enhanced data availability

- Supports encryption key management functionality with a broad range of key management servers

- Includes NEO Agility LTFS support for disk-like file drag and drop and archive management

Features

Flexible – *Grow into, not out of, your storage*

The scalable design of the NEO XL-Series allows customers to customize their backup and archive solution by starting out with either a 3U, 32-slot or 6U, 80-slot single-drive library and scaling to as many as 560 slots and 42 tape drives. The seamless design of NEOxl libraries allows you to add both data cartridges and tape drives as you scale, instead of requiring you to choose between capacity or performance.

The scalable design of NEOxl libraries not only allows users to easily scale the library into a larger configuration, but it also enables simplified redeployment of individual modules into smaller applications. This flexibility makes NEO XL-Series the most ideal, most cost-effective solution for any midrange or enterprise environment.

For enterprise customers that need maximum performance and capacity right out of the box, NEOxl is available in a fully-configured 560-slot, 42-drive capable library delivered in a standard datacenter rack. NEOxl 8000 includes redundant features optimized for enterprise environments.

Convenient – *Minimize administrative overhead*

NEO XL-Series libraries provide convenient, simplified installation, setup and operation with a touch-screen operator control panel or web-based remote management. Removable cartridge magazines facilitate the loading, unloading and offline storage of data cartridges, reducing media handling costs. Meanwhile, mail slots provide easy, secure access to individual tape cartridges without interrupting library operations, while NEOxl tape drives are easily added, removed or replaced to ensure effortless upgradeability and serviceability.

Cost-Effective – *Get the best return on your investment*

NEO XL-Series libraries are designed to not only provide an affordable purchase price, but to deliver superior long-term cost of ownership. NEO XL-Series ease-of-use features and enterprise-class reliability ensure administrative, support and downtime costs are virtually eliminated, while the native partitioning functionality provides the ability to utilize a single library in a variety of applications.

Dependable – *Backup and archive you can count on*

NEO XL-Series libraries provide the reliability required by today's demanding IT environments to ensure that your data is readily accessible and always available. Features such as redundant power provide access to your data in the event of a power disruption, while easily replaceable tape drives and tape library modules ensure seamless reconfiguration should a support event occur and require replacement.

All NEO XL-Series libraries are covered by a standard one-year, next business day onsite warranty. For customers requiring a higher level of onsite support, customers may upgrade to enhanced next-business day support or 24x7x4 hr. response times for the most mission critical operations.

Specifications

	Form Factor	# of slots	# of drives	LTO-8		LTO-8M		LTO-7		LTO-6	
				Capacity*	Performance*	Capacity*	Performance*	Capacity*	Performance*	Capacity*	Performance*
				PB	TB/hr.	PB	TB/hr.	PB	TB/hr.	TB	TB/hr.
NEOxl 40											
1 base	3u	32	3	1.0	8.1	0.7	8.1	0.5	8.1	N/A	N/A
1 base + 1 expansion	6u	72	6	2.2	16.2	1.6	16.2	1.1	16.2	N/A	N/A
1 base + 2 expansions	9u	112	9	3.4	24.3	2.5	24.3	1.7	24.3	N/A	N/A
1 base + 3 expansions	12u	152	12	4.6	32.4	3.4	32.4	2.3	32.4	N/A	N/A
1 base + 4 expansions	15u	192	15	5.8	40.5	4.3	40.5	2.9	40.5	N/A	N/A
1 base + 5 expansions	18u	232	18	7.0	48.6	5.2	48.6	3.5	48.6	N/A	N/A
1 base + 6 expansions	21u	272	21	8.2	56.7	6.1	56.7	4.1	56.7	N/A	N/A
NEOxl 80											
1 base	6u	80	6	2.4	16.2	1.8	16.2	1.2	16.2	15.0	8.6
1 base + 1 expansion	12u	160	12	4.8	32.4	3.6	32.4	2.4	32.4	30.0	17.3
1 base + 2 expansions	18u	240	18	7.2	48.6	5.4	48.6	3.6	48.6	45.0	25.9
1 base + 3 expansions	24u	320	24	9.6	64.8	7.2	64.8	4.8	64.8	60.0	34.6
1 base + 4 expansions	30u	400	30	12.0	81.0	9.0	81.0	6.0	81.0	75.0	43.2
1 base + 5 expansions	36u	480	36	14.4	97.2	10.8	97.2	7.2	97.2	90.0	51.8
1 base + 6 expansions	42u	560	42	16.8	113.4	12.6	113.4	8.4	113.4	105.0	60.5
NEOxl 8000											
1 base	42u	560	42	16.8	113.4	12.6	113.4	8.4	113.4	N/A	N/A

	NEOxl 40	NEOxl 80	NEOxl 8000
# of mail slots (per module)	5	10	70
Tape drive technologies supported	LTO-8, LTO-8M, LTO-7	LTO-8, LTO-8M, LTO-7, LTO-6	LTO-8, LTO-8M, LTO-7
Interfaces	6Gb Mini-SAS, 8Gb LC Optical FC (control path), 1GbE RJ-45 (management)	6Gb Mini-SAS, 8Gb LC Optical FC (control path), 1GbE RJ-45 (management)	8Gb LC Optical FC (control path), 1GbE RJ-45 (management)
High availability features	Redundant data and control path**	Redundant data and control path**, redundant power	Redundant data and control path**, redundant power
# of partitions supported (per module)	Up to 3	Up to 7	Up to 24
Library MCBF:	2,000,000	>3,000,000	>3,000,000
Library MTTR:	<10 minutes	<10 minutes	<20 minutes
Dimensions (out-of-box; HxWxD) (shipping; HxWxD)	5.24 x 18.98 x 34.27 in. (13.3 x 48.2 x 87.3 cm) 12.6 x 27.09 x 45.59 in. (32 x 68.8 x 115.8 cm)	10.55 x 18.7 x 35.1 in. (26.8 x 47.5 x 89.2 cm) 24.2 x 31.5 x 47.2 in. (61.5 x 80.0 x 120 cm)	82.38 x 23.54 x 48.22 in. (209 x 59.8 x 122.5 cm) 87.8 x 25.2 x 49.6 in. (223 x 64 x 126 cm)
Weight (out of box) (shipping)	55.34 lbs. (25.1 kg) 68.34 lbs. (31 kg)	90.4 lbs. (43.6 kg) 120.1 lbs. (54.5 kg)	771 lbs. (350 kg) 1250 lbs. (567 kg)
Operating temperature	50° to 95° F (10° to 35° C)	50° to 95° F (10° to 35° C)	50° to 95° F (10° to 35° C)
Operating humidity	20% to 80%	20% to 80%	20% to 80%
Voltage/Frequency	100-120V VAC, 3.7A Max., 50/60 Hz	100-120V, 200-240 VAC, 3.5A Max., 50/60 Hz	100-120V, 200-240 VAC, 3.5 to 1.5 Amperes, 50/60 Hz
Power	230 Watts (max.)	200 Watts (max.)	1400 Watts (max.)

* assumes 2.5:1 compression   ** available in FC configurations

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries.
Contact us today at sales@overlandstorage.com or sales@tandbergdata.com

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