

NEOxI Series Tape Libraries

Medium to Enterprise
data protection



NEOxI 80



NEOxI 40

Helping companies protect
digital assets in today's hyper
data growth environments

Key benefits

- Industry leading data transfer rates
- Intelligent management and diagnostics
- Ability to scale capacity and performance as needed
- Redundant power for enhanced data availability
- Supports encryption key management functionality with a broad range of key management servers
- SAS or Fibre Channel connectivity

Overland-Tandberg

Overland-Tandberg “best in class” data storage and archive solutions enable organizations, of all sizes, to securely manage and protect their digital assets.

Our superior technologies and services expertise translate into data management solutions that are powerful, yet easy to use.

Flexible – Grow into, not out of, your storage

The scalable design of the NEOxI Series allows system administrators to customize their backup and archive solution by starting out with either a 3U, 40-slot or 6U, 80-slot single-drive library and scaling to as many as 560 slots and 42 tape drives. The seamless design of NEOxI 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 NEOxI 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 NEOxI Series the most ideal, cost-effective solution for any midrange or enterprise environment.

Convenient – Minimize administrative overhead

NEOxI Series libraries provide convenient, simplified installation, setup and operation with a touch-screen operator control panel (NEOxI 80) 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 NEOxI tape drives are easily added, removed or replaced to ensure effortless upgradeability and serviceability.

Cost-Effective – Get the best return on your investment

NEOxI Series libraries are designed to not only provide an affordable purchase price, but to deliver superior long-term value. NEOxI 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 simultaneously use a single library in a variety of applications.

Dependable – Backup and archive you can count on

NEOxI 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.

Configurations				LTO-9		LTO-8		LTO-7	
	Form Factor	# of slots	# of drives	Capacity* PB	Performance* TB/hr.	Capacity* PB	Performance* TB/hr.	Capacity* PB	Performance* TB/hr.
NEOxI 40									
1 base	3u	40	3	1.8	8.1	1.2	8.1	0.6	8.1
1 base + 1 expansion	6u	80	6	3.6	16.2	2.4	16.2	1.2	16.2
1 base + 2 expansions	9u	120	9	5.4	24.3	3.6	24.3	1.8	24.3
1 base + 3 expansions	12u	160	12	7.2	32.4	4.8	32.4	2.4	32.4
1 base + 4 expansions	15u	200	15	9.0	40.5	6.0	40.5	3.0	40.5
1 base + 5 expansions	18u	240	18	10.8	48.6	7.2	48.6	3.6	48.6
1 base + 6 expansions	21u	280	21	12.6	56.7	8.4	56.7	4.2	56.7
NEOxI 80									
1 base	6u	80	6	3.6	16.2	2.4	16.2	1.2	16.2
1 base + 1 expansion	12u	160	12	7.2	32.4	4.8	32.4	2.4	32.4
1 base + 2 expansions	18u	240	18	10.8	48.6	7.2	48.6	3.6	48.6
1 base + 3 expansions	24u	320	24	14.4	64.8	9.6	64.8	4.8	64.8
1 base + 4 expansions	30u	400	30	18	81	12.0	81.0	6.0	81.0
1 base + 5 expansions	36u	480	36	21.6	97.2	14.4	97.2	7.2	97.2
1 base + 6 expansions	42u	560	42	25.2	113.4	16.8	113.4	8.4	113.4

* With 2.5:1 compression.

Specifications	NEOxI 40	NEOxI 80
Number of mail slots (per module)	5	10
Tape drive technologies supported	LTO-7, LTO-8, LTO-9	
Interfaces and connectors	12Gb Mini-SAS HD SFF-8644 (LTO-9), 6Gb Mini-SAS (LTO-7 and LTO-8), 8Gb LC Optical FC (control path), 1GbE RJ-45 (remote management)	
User interface	LCD front panel and web-based remote management	
High availability features	Redundant power option	Redundant power standard
Number of partitions supported	Up to 3 (max 21 with expansions)	Up to 6 (max 20 with expansions)
Form factor (per module)	3u	6u
Dimensions without packaging: HxWxD	5.12 x 18.90 x 34.65 in. (13.0 x 48.0 x 88.0 cm)	10.43 x 18.90 x 35.31 in (26.5 x 48.0 x 89.7 cm)
Dimensions with packaging: HxWxD (excludes pallet and drives)	12.60 x 27.09 x 45.59 in. (32 x 68.8 x 115.8 cm)	18.27 x 23.07 x 39.69 in (46.4 x 58.6 x 100.8 cm)
Weight with packaging (excludes pallet and drives)	67.5 lbs. (30.6 kg)	115 lbs. (52 kg)
Reliability (library MSBF)	2,000,000 cycles	3,000,000 cycles
Operating temperature	50° to 95° F (10° to 35° C) operating	
Operating humidity	20-80% (operating, non-condensing)	
Input power	100-240 VAC, 50/60 Hz	
Power consumption	300 watts each power supply	
Standard warranty	Silver 1 Year	
Warranty upgrade options	Silver and Gold (Next Business Day options) Platinum (24x7x4h response)	
Included in standard configuration	Library with (1) tape drive, US & European power cord, Quick Start Guide, rackmount hardware	
Accessories	Additional magazines, power supplies, upgrade LTO tape drives, LTO media, bar codes	



Sales and support for Overland-Tandberg products and solutions are available in over 100 countries. Contact us today at salesemea@overlandtandberg.com. Visit OverlandTandberg.com.