

NEOs Series Tape Libraries

Backup and Archive Made Easy

The NEOs Series tape automation products offer the ultimate in simple, affordable, reliable backup, archive and disaster recovery solution.



Key Benefits



NEO Series remote management provides intelligent, proactive administration and monitoring of the tape library, tape drives and media, ensuring a seamless backup and archive process.



SAS or Fibre Channel options ensure effortless connectivity with widespread server models and integrate into existing network infrastructure.



NEO Series removable cartridge magazines offer convenient media handling for loading/unloading of cartridges while facilitating off-line storage for disaster recovery purposes.



A barcode reader provides efficient tape management. Having a bar code label on each tape cartridge enables the barcode reader to identify the cartridge quickly, thereby speeding up inventory time.

Compact and affordable

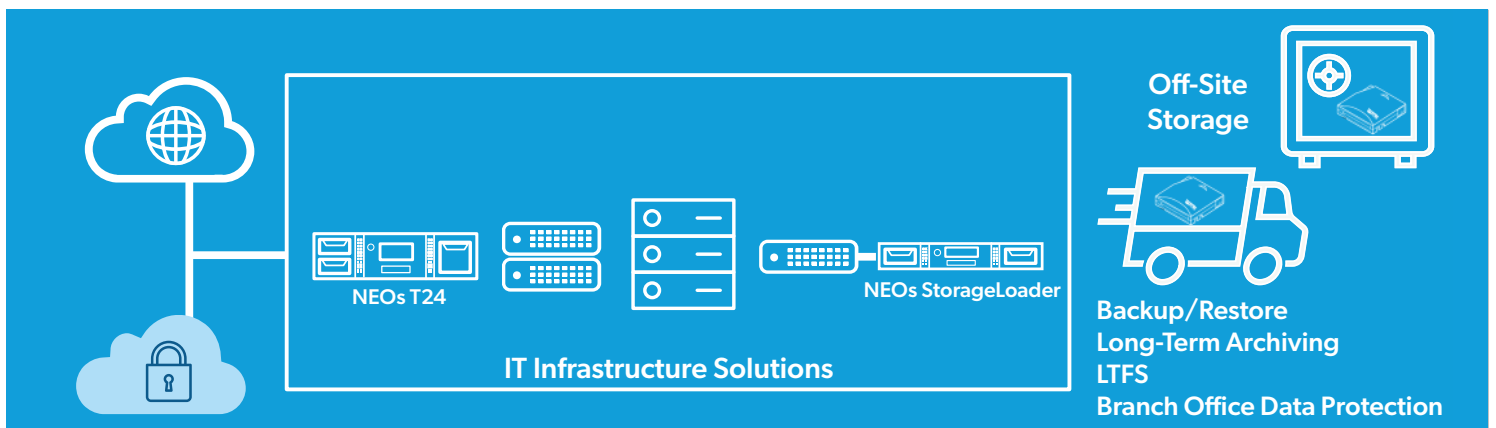
Available in rack-friendly 1u and 2u form factors, NEOs packs 8 or 24 tapes into a 1U or 2U rack space. The ability to store so much data in such a small space minimizes the use of valuable rack space and reduces your overall cost of ownership.

Easy and convenient

Web-based remote management provides easy and convenient administration from anywhere in the world. Removable cartridge magazines enable easy access to tapes, reduce media handling costs and facilitate offline (air-gapped) storage of your data for security and disaster recovery purposes.

Versatile

NEOs tape libraries easily integrate into a wide range of backup and archive applications. Native partitioning capability in NEOs T24 tape libraries provides the ability to carve a single physical library into smaller logical libraries to securely use your NEOs tape library for a variety of different storage use cases.



Configurations				LTO-9		LTO-8		LTO-7	
	Form Factor	# of slots	max # of drives	Capacity ¹⁾ TB	Performance ¹⁾ TB/hr.	Capacity ¹⁾ TB	Performance ¹⁾ TB/hr.	Capacity ¹⁾ TB	Performance ¹⁾ TB/hr.
StorageLoader	1u	8	1	360	2.7	240	2.7	120	2.7
T24	2u	24	2	1,800	5.4	720	5.4	360	5.4

¹⁾ With 2.5:1 compression.

Specifications	NEOs StorageLoader				NEOs T24			
Configuration (total #)	Cartridge slots 8	Magazines 2	Mailslots 1	Tape drives 1	Cartridge slots 24	Magazines 2	Mailslots 1	Tape drives 1-2
Tape drive technologies supported	LTO-9, LTO-8, LTO-7							
Interfaces and connectors	12Gb Mini-SAS HD SFF-8644 (LTO-9), 6Gb Mini-SAS (LTO-7 and LTO-8), 8Gb LC Optical FC, 1GbE RJ-45 (remote management)							
Capacity (max.)	Uncompressed LTO-9: 144TB LTO-8: 96TB LTO-7: 48TB		Compressed* LTO-9: 360TB LTO-8: 240TB LTO-7: 120TB		Uncompressed LTO-9: 432TB LTO-8: 288TB LTO-7: 144TB		Compressed* LTO-9: 1,080TB LTO-8: 720TB LTO-7: 360TB	
Transfer rate (max # drives)	Uncompressed LTO-9: Up to 1TB/hr. LTO-8: Up to 1TB/hr. LTO-7: Up to 1TB/hr.		Compressed* LTO-9: Up to 2.7TB/hr. LTO-8: Up to 2.7TB/hr. LTO-7: Up to 2.7TB/hr.		Uncompressed LTO-9: Up to 2.2TB/hr. LTO-8: Up to 2.2TB/hr. LTO-7: Up to 2.2TB/hr.		Compressed* LTO-9: Up to 5.4TB/hr. LTO-8: Up to 5.4TB/hr. LTO-7: Up to 5.4TB/hr.	
Reliability (library MCBF)	2,000,000 cycles							
User interface	LCD front panel and web-based remote management							
Form factor	1u				2u			
Dimensions without packaging: HxWxD	1.73 x 18.98 x 31.85 in.				3.44 x 17.6 x 29.13 in.			
Dimensions with packaging: HxWxD	16.2 x 24.1 x 40.2 in.				20 x 24 x 40 in.			
Weight with packaging	53 lbs.				64 lbs.			
Input power	100 - 240 VAC; 50 - 60 Hz							
Power consumption	80W				160W			
Operating temperature	50° to 95° F operating							
Operating humidity	20-80% (operating, non-condensing)							
Standard warranty	3 Years Bronze Level							
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, Upgrade LTO Tape Drives, LTO Media, Barcodes							



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