



NEO[®]s

Designed for IT offices with limited space, limited resources and limited budgets, the NEOs family of automated tape libraries delivers simple, affordable unattended backup, disaster recovery and archive.

Regardless of whether you're a small office, medium-sized business or distributed network environment, NEOs solutions meet a variety of backup and archive needs. While NEOs configurations vary by capacity and feature set, reliability, simplicity and affordability are at the heart of every NEOs model.

NEO 200s

Packaged in a compact 2u form factor, the NEO 200s delivers the entry-level capability needed by most small and medium sized businesses. Available in two models, a 12 cartridge autoloader and a 24-cartridge library, the NEO 200s provides up to 38.4TB of backup and archive capacity.

NEO 400s

For data backup and archive needs that extend beyond entry-level requirements, the NEO 400s packs up to 76.8TB of capacity in a 4u form factor. Designed for more data-intensive environments, the NEO 400s offers additional capabilities such as partitioning and redundant power.

Return on investment

With capacities of up to 76.8TB, NEOs libraries pack the maximum amount of data storage capability into the minimum amount of space.

Features such as the NEO 400s partitioning capability allow you to use your NEOs library for multiple applications, enabling the most efficient use of your investment.

Ease of use

Web-based remote management ensures easy and convenient management of the backup and archive process from anywhere in the world.

Removable cartridge magazines ensure easy access to data and reduce media handling costs. Standard barcode readers provide faster inventory times and facilitate tracking of media.

User-configurable mail slots provide easy, secure access to individual tape cartridges.

Ease of installation

All NEOs libraries are delivered as rack-ready for quick installation into a standard 19" rack. Additional tape drives can be easily and quickly installed in your NEOs library for improved performance efficiency.

Investment protection

NEOs libraries utilize industry-leading HP LTO tape drives designed to provide the optimum performance and reliability. Tape drives are easily removed and replaced, providing for easy upgradability to next-generation tape drive technologies. Available in SCSI, Fibre Channel or SAS configurations, NEOs libraries provide flexible connectivity options for a wide range of environments.

Expandability (planned for Q1 CY10) allows you to combine your NEO 400s library with other NEOs libraries and appear to the host as a single library. This flexibility enables you to leverage your investment by having efficient methods of operation.

Data Availability

NEOs libraries provide peace of mind with a field-proven reliability of more than 2,000,000 robotic movements between failures.

Encryption key-management (planned for Q1 CY10) ensures the data privacy, confidentiality and integrity of business critical data while supporting compliance requirements.

Extensive compatibility

NEOs libraries are compatible with a wide range of backup software applications. For more information, visit: <http://www.overlandstorage.com/PDFs/softwarematrix.pdf>.

For more than 25 years businesses have trusted Overland Storage to protect their most valuable information with industry-leading backup, recovery and archive solutions. Overland's family of NAS, SAN, VTL and tape solutions, combined with our superior service, support and quality focus, ensure that your data is automatically safe, readily available and always there.



NEO[®] 200s

- ➔ Capacity ranging from 4.8 TB to 38.4 TB
- ➔ Performance ranging from 216 GB/hr to 1.1 TB/hr
- ➔ SCSI, FC, SAS connectivity
- ➔ Compact 2u form factor
- ➔ Easily integrated with disk-based backup
- ➔ One year warranty



NEO[®] 400s

- ➔ Capacity ranging from 38.4 TB to 76.8 TB
- ➔ Performance ranging from 288 GB/hr to 2.3 TB/hr
- ➔ SCSI, FC, SAS connectivity
- ➔ Redundant power option
- ➔ Easily integrated with disk-based backup
- ➔ One year warranty



SPECIFICATIONS	NEO 200s		NEO 400s
FORM FACTOR	2u		4u
#of cartridge slots #of magazines #of mail slots	12 1 1	24 2 1	48 4 3
#of tape drives	1-2 HH	1-2 HH 1 FH	1-4 HH 1-2 FH
TAPE DRIVES SUPPORTED	LTO3HH LTO4HH	LTO3HH LTO4HH LTO4FH(FC only)	LTO4HH LTO4FH (FC only)
MAXIMUM CAPACITY* LTO3 LTO4	9.6 TB 19.2 TB	19.2 TB 38.4 TB	76.8 TB
MAXIMUM DATA TRANSFER RATE* LTO3 LTO4	864 GB/hr. 1.2 TB/hr.	864 GB/hr. 1.2 TB/hr.	2.3 TB/hr.
BARCODE READER	Standard	Standard	Standard
PARTITIONING	n/a	Standard	Standard
DIMENSIONS (UNPACKAGED)	3.4" h x 18.9" w x 31.7" d (8.7 x 48 x 80.6cm)		6.9"h x 18.9" w x 31.7" d (17.5 x 48 x 80.6 cm)
WEIGHT	32.9 lb. (14.9 kg)		47.2 lb. (21.4 kg)
INTERFACES SUPPORTED	U320 LVD SCSI, 3 Gb SAS, 4 Gb Fibre Channel		
WARRANTY	1 year XchangeNOW	1 year onsite	1 year onsite
WHAT'S INCLUDED	Library with drive, US power cord, warranty registration, information documentation.		
AVAILABLE ACCESSORIES	LTO3 media, LTO4 media, LTO cleaning cartridges, LTO3 & LTO4 barcode labels, LTO3 v LTO4 add-on tape drives, magazines, SCSI cables, SAS cables		

ORDERABLE PART NUMBER	DESCRIPTION	ORDERABLE PART NUMBER (Add-on drives)	DESCRIPTION
OV-LNS101700	NEOs 12 slot LTO3HH SCSI	OV-LNS901700	NEOs LTO3HH SCSI add-on drive
OV-LNS101701	NEOs 12 slot LTO3HH SAS	OV-LNS901701	NEOs LTO3HH SAS add-on drive
OV-LNS101702	NEOs 12 slot LTO4HH SCSI	OV-LNS901702	NEOs LTO4HH SCSI add-on drive
OV-LNS101703	NEOs 12 slot LTO4HH SAS	OV-LNS901703	NEOs LTO4HH SAS add-on drive
OV-LNS101704	NEOs 24 slot LTO3HH SCSI	OV-LNS901704	NEOs LTO4FH FC add-on drive
OV-LNS101705	NEOs 24 slot LTO3HH SAS	ORDERABLE PART NUMBER (Accessories)	
OV-LNS101706	NEOs 24 slot LTO4HH SCSI	OV-LNS901705	NEO 400s redundant power option
OV-LNS101707	NEOs 24 slot LTO4HH SAS	OV-LNS901706	NEO 200s left-side magazine
OV-LNS101708	NEOs 24 slot LTO4FHFC	OV-LNS901707	NEO 400s left-side magazine
OV-LNS101709	NEOs 48 slot LTO4HH SCSI	OV-LNS901708	NEO 200s/400s right-side magazine
OV-LNS101710	NEOs 48 slot LTO4HH SAS		
OV-LNS101711	NEOs 48 slot LTO4FHFC		

* Assumes compression ratio of 2:1. Actual performance may vary with the application.



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