

# NEO®s Series

Automated Tape Libraries offer effortless backup and archive capabilities

Besides its people, a company's data is one of its most critical assets. Keeping that data stored, accessible and secure has become complex and expensive as companies are faced with massive data growth, increasingly stringent regulatory requirements and distributed environments that can range from across-the-hall to across-the-globe. Overland Storage® recognizes the need for businesses to do more—with less, and offers effortless data management and protection solutions. 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.

## Investment protection

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

## 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.

## 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.

## Highlights



### NEO 200s

- Capacity ranging from 4.8TB to 38.4TB
- Performance ranging from 216GB/hr to 1.1TB/hr
- SCSI, FC, SAS connectivity
- Compact 2U form factor
- Easily integrated with disk-based backup
- One year warranty
- Available in 12-cartridge autoloader and 24-cartridge library



### NEO 400s

- Capacity ranging from 38.4TB to 76.8TB
- Performance ranging from 288GB/hr to 2.3TB/hr
- SCSI, FC, SAS connectivity
- Available in 4U form factor
- Redundant power option
- Partitioning option
- Easily integrated with disk-based backup
- One year warranty



## Specifications

	NEO 200s		NEO 400s
<b>Form Factor</b>	2u		4u
#of cartridge slots	12	24	48
#of magazines	1	2	4
#of mail slots	1	1	3
#of tape drives	1-2 HH	1-2 HH 1 FH	1-4 HH 1-2 FH
<b>Tapes Drives Supported</b>	LTO-3HH LTO-4HH	LTO3-HH LTO-4HH LTO-4FH(FC only)	LTO-4HH LTO-4FH (FC only)
<b>Maximum Capacity*</b>	LTO-3 LTO-4	19.2 TB 38.4 TB	76.8 TB
<b>Maximum Data Transfer Rate*</b>	LTO-3 LTO-4	864 GB/hr. 1.2 TB/hr.	2.3 TB/hr.
<b>Barcode Reader</b>	Standard	Standard	Standard
<b>Partitioning</b>	n/a	Standard	Standard
<b>Dimensions (unpacked)</b>	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)
<b>Weight</b>	32.9 lb. (14.9 kg)		47.2 lb. (21.4 kg)
<b>Interfaces Supported</b>	U320 LVD SCSI, 3 Gb SAS, 4 Gb Fibre Channel		
<b>Warranty</b>	1 year XchangeNOW	1 year onsite	1 year onsite
<b>What's Included</b>	Library with drive, US power cord, warranty registration, information documentation.		
<b>Available Accessories</b>	LTO-3 media, LTO-4 media, LTO cleaning cartridges, LTO-3 & LTO-4 barcode labels, LTO-3 v LTO-4 add-on tape drives, magazines, SCSI cables, SAS cables		

Orderable Part Number	Description
OV-LNS101700	NEOs 12 slot LTO-3HH SCSI
OV-LNS101701	NEOs 12 slot LTO-3HH SAS
OV-LNS101702	NEOs 12 slot LTO-4HH SCSI
OV-LNS101703	NEOs 12 slot LTO-4HH SAS
OV-LNS101704	NEOs 24 slot LTO-3HH SCSI
OV-LNS101705	NEOs 24 slot LTO-3HH SAS
OV-LNS101706	NEOs 24 slot LTO-4HH SCSI
OV-LNS101707	NEOs 24 slot LTO-4HH SAS
OV-LNS101708	NEOs 24 slot LTO-4FHFC
OV-LNS101709	NEOs 48 slot LTO-4HH SCSI
OV-LNS101710	NEOs 48 slot LTO-4HH SAS
OV-LNS101711	NEOs 48 slot LTO-4FHFC

Orderable Part Number (Add-on drives)	Description
OV-LNS901700	NEOs LTO-3HH SCSI add-on drive
OV-LNS901701	NEOs LTO-3HH SAS add-on drive
OV-LNS901702	NEOs LTO-4HH SCSI add-on drive
OV-LNS901703	NEOs LTO-4HH SAS add-on drive
OV-LNS901704	NEOs LTO-4FH FC add-on drive

Orderable Part Number (Add-on drives)	Description
OV-LNS901705	NEO 400s redundant power option
OV-LNS901706	NEO 200s left-side magazine
OV-LNS901707	NEO 400s left-side magazine
OV-LNS901708	NEO 200s/400s right-side magazine

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

powered by  invent



### Corporate:

Tel: 1.800.729.8725  
Tel: +1.858.571.5555

### Sales:

Tel: 1.888.343.7627 (US)  
Tel: +1.858.571.5555 (Int'l)