



Since few things are more important than the long-term protection of your business-critical information, the choices a company makes in backup and archival storage are of the utmost importance. With companies facing massive data growth, daunting compliance and data security requirements, significant costs of ownership and higher energy consumption, finding the right backup and archive solution can seem an insurmountable challenge. With Overland Storage's NEO automated tape libraries, the decision is as effortless as the solution. More than any company in the industry, Overland tape backup and archival solutions deliver reliable, affordable, and effortless information protection, built for your business — now and into the future.

An Effortless Solution:

For Every Challenge

Whether there is a need for more capacity, higher performance, faster data availability or better resource utilization, Overland Storage offers a complete family of NEO tape libraries designed to fit the needs of any backup and archive environment. With capacities ranging from 4.8TB to 3PB, performance as high as 24TB/hr and form factors ranging from 2U to a full-rack, NEO provides a solution that's right for you.

For Every Budget

IT managers are constantly being faced with the challenge of doing more with less. NEO tape libraries provide powerful backup and archive solutions that fit any budgetary requirement. Whether it's the initial purchase price, administrative costs, support and maintenance costs or energy costs, NEO solutions minimize the impact to your entire IT budget.

For Peace of Mind

NEO libraries help IT administrators' sleep better at night offering features to ensure that data is reliably backed up and readily available at a moment's notice. With a platform that is specifically designed to minimize downtime and a reliability reputation that is second to none, NEO is a solution you can count on for years to come.

NEO Advantages

High Data Availability

NEO Series libraries are designed to ensure that data is automatically protected, readily available and always there. Providing features such as redundant power, redundant robotics and swappable tape drives, the risks of costly downtime or the inability to access data are virtually eliminated.

Ease of Configuration

NEO makes it easy to configure and manage the backup and archive process by reducing administrative overhead. NEO's robust yet simplified design eliminates complicated capacity, drive, power or management modules found in other tape libraries, ensuring backups and archives are running quickly and maintenance costs are reduced. Intelligent web-based remote management provides the convenience of managing the backup and archive process from anywhere in the world and includes proactive email alerts that can help avoid costly downtime. Finally, removable magazines and mail slot capability improve media management and facilitate offline storage for disaster recovery.

Flexible Connectivity

Not every data center uses the same interface. That is why the NEO tape libraries are available with high-performance native SCSI, SAS or Fibre Channel interfaces, allowing users to customize the backup and archive solution for their particular network environment.

Investment Protection

A backup and archive solution is one of the most important investments a business will ever make. That is why the NEO family is focused on providing features that help protect that investment. Features such as native partitioning provide the ability to multi-task across multiple environments while field upgradable tape drives and support for multiple generations of tape cartridges ensure that the NEO library will keep pace with continued innovation without orphaning today's data.

Superior Scalability

Data centers across the globe are experiencing the challenges of rapid data growth. That is why NEO libraries are designed with the ability to scale capacity and performance in nearly limitless combinations. Offering base modules ranging from 12 slots to 100 slots, modules can be combined to easily and dynamically configure a solution that fits any backup and archive requirement.

ECO-friendly

Over its lifetime, the cost of power to operate a device can far outweigh the cost of the device itself. NEO solutions minimize the amount of power used, generate less heat and require less cooling — reducing your energy costs and providing a "green" solution for the data center. NEO also minimizes the amount of floor space or rack space used in the data center by packing up to 36TB of storage capacity in each rack unit.

	 NEO 8000e	 NEO 4000e	 NEO 2000e	 NEO 400s	 NEO 200s
Capacity	100 - 500 slots (80TB - 1.5PB)	60 slots (48TB - 180TB)	30 slots (24TB - 90TB)	48 slots (38.4TB - 144TB)	12 - 24 slots (4.8TB - 72TB)
Tape Drive Support	12 LTO tape drives LTO4 = 864GB/hr per drive ¹ LTO5 = 1TB/hr per drive	4 LTO tape drives LTO4 = 864GB/hr per drive ¹ LTO5 = 1TB/hr per drive	2 LTO tape drives LTO4 = 864GB/hr per drive ¹ LTO5 = 1TB/hr per drive	4 LTO tape drives ² LTO4 = 576GB/hr per drive LTO5 = 1TB/hr per drive	2 LTO tape drives LTO3 = 432GB/hr per drive LTO4 = 576GB/hr per drive LTO5 = 1TB/hr per drive
Expandability	Up to 1,000 slots / 24 tape drives	Up to 240 slots / 16 tape drives	Up to 240 slots / 16 tape drives	Up to 96 slots / 8 tape drives	n/a
Interface	FC, SCSI, SAS	SCSI, SAS, FC	SCSI, SAS, FC	SCSI, SAS, FC	SAS, SCSI, FC
Form Factor	43U	10U	5U	4U	2U
Ideal Fit	Very large businesses needing high-availability backup and archive for mission critical data	Large businesses with high performance, high-capacity data storage needs	Mid-sized businesses with high performance, high capacity data storage needs	Mid-sized businesses with moderately growing data storage requirements	Small businesses or remote locations with growing data storage requirements
NEO Wins When...	Enterprise class features and performance are required	A robust, high-capacity backup and archive capability for rapidly changing IT environments is required	A flexible, robust, backup and archive capability for rapidly changing IT environments is needed	Basic backup and archive capabilities with room to grow is needed	Basic backup and archive capabilities are needed at an affordable price

¹Assumes 2:1 compression
²Supports two (2) LTO-4 FC drives

NEO Tape Solutions Win When User Needs...

- Scalability
- Performance
- Effortless management
- Industry-leading reliability
- High data availability
- Affordability
- Flexibility
- Energy efficiency

About Overland Storage

With over 70,000 installations worldwide, NEO backup and archive solutions are recognized across the globe as the most robust, reliable, feature-rich, affordable solution for backup, archive and disaster recovery applications. From small businesses to Fortune 100 corporations, NEO provides the solution that is right for your data storage needs.

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