Save

NEO SERIES® 4000

Whether your data storage challenges involve rapidly expanding data, complex networking environments, costly downtime or overburdened IT resources, NEO SERIES® 4000 midrange libraries deliver the power and performance you need to protect your data center.

Protect Your Data

No matter how large your data center is or how fast it's growing, NEO SERIES 4000 libraries provide a powerful combination of capacity and speed to ensure that your data center is reliably protected. The NEO 4100 (the smallest model of the NEO SERIES 4000) packs up to 96 TB* capacity and over 3.5 TB/hr.* of performance in just 10U of rack space. The NEO 4200 (our largest model) fills a rack with over 192 TB* of capacity and more than 6.9 TB/hr.* of performance–giving you the flexibility to meet a variety of data storage needs.

Protect Your Investment

NEO 4000 libraries also scale to meet your future data protection needs. As your data expands, NEO 4000 libraries expand with it. Simply add 52-slot or 60-slot modules to your existing NEO 4000 model to instantly and affordably increase your capacity and performance by up to 4 times, while protecting your original library investment. Upgrade to higher performance, next-generation tape drive technologies by simply sliding out existing tape drives and replacing them with higher performance tape drives.

Maximize Use of Valuable Resources

NEO 4000 libraries maximize the use of your resources by affordably, quickly and reliably backing up and archiving your mission-critical data. Features such as WebTLC™ which allows authorized personnel to remotely manage the NEO 4000 library from anywhere in the world, make the NEO 4000 easy to use and operate. NEO's LPO™ (Library Partitioning Option) lets you partition the library into several smaller libraries, providing multi-server access and allowing you to allocate the cost of the library across the entire data center. Components such as tape drives, power supplies, controllers and interface cards are easily removed, reducing support and service costs.

Minimize Costly Downtime

NEO's rock-solid, field-proven architecture delivers superior reliability, availability and manageability, eliminating costly downtime in your data center. Features such as NEO's LiveSwap™ tape drives and removable, redundant power supplies allow removal/replacement without interrupting the SCSI bus and/or power source, assuring that you have nonstop access to your data. In multi-module environments, NEO's remote fail-over capability lets you transfer control from one module to another, ensuring uninterrupted access to your data.

Accommodate Complex Networking Environments

The NEO 4000 can easily protect data on your network, whether you are running a single NT server, multiple local servers running UNIX or a worldwide SAN with a complex combination of servers, operating systems and interfaces. Available with either LVD SCSI or Native Fibre Channel interfaces, NEO 4000 provides connectivity choices designed to take advantage of your network performance. Since network architectures change as your operation grows, NEO 4000 provides a V.I.A.™ (Virtual Inteface Architecture) option that also provides you with flexibility to connect to the NEO library via iSCSI.

Compatibility To Keep You Connected

NEO 4000 libraries are supported on all major operating systems including HP-UX, IBM AIX, Linux Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 and more. For the most current information on compatibility, visit our website at www.overlandstorage.com.

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

- ➔ Up to 192 TB capacity
- ➔ Up to 3.5 TB/hour performance
- ➔ Expansion on demand
- ➔ LVD SCSI or native FC interface
- ➔ 52-60 cartridges; 1-4 tape drives

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STORAGE ®

NEO SERIES® 4000

SPECIFICATIONS	NEO 4000					NEO 4200				
DRIVES AND MEDIA										
Drive type	LTO-4	LTO-3	LTO-2	SDLT 600	SDLT 320	LTO-4	LTO-3	LTO-2	SDLT 600	SDLT 320
Media type	Ultr 4	Ultr 3	Ultr 2	Super	Super	Ultr 4	Ultr 3	Ultr 2	Super	Super
DLTtape II				DLTtape I	DLTtape II				DLTtape I	DLTtape II
LIBRARY CONFIGURATION										
Number of cartridges	60	60	60	52	52	120	120	120	104	104
Magazines	4	4	4	4	4	8	8	8	8	8
Slots per magazine	15	15	15	13	13	15	15	15	13	13
Number of drives	1–4	1–4	1–4	1–4	1-4	2–8	2–8	2–8	2–8	2–8
Mail slots	1	1	1	1	1	2	2	2	2	2
CAPACITY										
Native capacity TB	48	24	12.0	15.6	8.3	96	48	24.0	31.2	16.6
Compressed capacity* TB	96	48	24	31.2	16.6	192	96	48.0	62.4	33.3
PERFORMANCE										
Native transfer (GB/hr.) (Min. # drives installed)	432	288	108	129.6	57.6	432	576	216	259.2	115.2
Native transfer (GB/hr.) (Miax. # drives installed)	1.7 TB/hr.	1.2 TB/hr.	432	518.4	230.4	3.5 TB/hr.	2.3 TB/hr.	864	1.1 TB/hr.	460.8
Compressed transfer (GB/hr.) (Min. # drives installed)	864	576	216	259.2	115.2	864	1.2 TB/hr.	432	518.4	230.4
Compressed transfer (GB/hr.) (Max. # drives installed)	3.5 TB/hr.	2.3 TB/hr.	864	1.1 TB/hr.	460.8	7 TB/hr.	4.6 TB/hr.	1.7 TB/hr.	2.1 TB/hr.	921.6
PHYSICAL DIMENSIONS										
Rack mount (HxWxD)	17.5 x 16.7 x 31.9 inche (44.4 x 42.4 x 81 cm)					35.0 x 16.7 x 31.9 inches (88.9 x 42.4 x 81 cm)				
Weight	71 lb. (78 kg.)					342 lb. (155 kg.)				
INTERFACE										
Type of Interface or Native 4 Gb FC	LVD SCSI or Native FC	LVD SCSI or Native 4 Gb FC	LVD SCSI	LVD SCSI	LVD SCSI	LVD SCSI or Native FC	LVD SCSI or Native FC	VD SCSI	LVD SCSI	LVD SCSI

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

With NEO, you can buy based on your current needs and grow as your storage needs grow.

NEO 4100

NEO 4200

NEO 4000 with add-on modules

NEO 4000 with add-on modules

powered by **hp** invent ®

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