Save

NEO SERIES® 2000

The NEO SERIES® 2000 is designed to address today's most pressing midrange data storage challenges: short backup windows, tight budgets, expanding data, limited IT resources, costly downtime, the need to consolidate storage and potentially complex networking environments. Designed for the diversity of departmental networks & SANs, the NEO™ 2000 is always there to give you a simple, affordable platform to grow on.

Protect Your Investment

The NEO 2000 is designed to help you keep pace with your rapidly expanding data. Each module has 30 (LTO) or 26 (SDLT) cartridge slots and up to 2 tape drives, providing up to 48 TB* of capacity and up to 1.7 TB/hr.* of performance. The NEO 2000 lets you spend for the present but plan for the future. There's no need to throw out the old and bring in the new when your capacity or performance needs change. Simply add NEO 2000 modules to your existing module, and easily increase your capacity and performance by up to eight times, protecting your original library investment and increasing your capacity and performance as needed.

Maximize Use of Valuable Resources

Your resources consist of time, dollars and people. The NEO 2000 maximizes the use of those resources by accelerating backup and archive operations with a minimal amount of effort. Features such as WebTLC™, which allows authorized personnel to remotely manage your NEO 2000 from anywhere in the world, make the the NEO 2000 easy to use and operate. NEO's LPO™ (Library Partitioning Option) feature provides multi-server access, allowing you to allocate the cost of the library across the entire data center and provide convenient operation. Components such as drives and interface cards are easily removed, reducing

support and service costs. NEO's compact size provides superior density and minimizes the use of costly data center space. The NEO 2000 combines ease of use features, reliable trouble-free operation and affordability to provide you with the lowest possible cost of ownership.

Accommodates a Variety of Networking Environments

The NEO 2000 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 2000 provides connectivity choices designed to take advantage of your network performance. Since network architectures change as your operation grows, NEO 2000 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

The NEO 2000 is 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 48 TB capacity
- Up to 1.7 TB/hour performance
- Expansion on demand
- SCSI, native FC or GbE Interfaces
- Remote management
- 26-30 cartridges; 1-2 tape drives
- LTO or SDLT

Overland
S T O R A G E ®
Simply Protected

NEO SERIES® 2000

SPECIFICATIONS

DRIVES AND MEDIA					
Drive type	LTO-4	LTO-3	LTO-2	Super DLT 600	Super DLT 320
Media type	Ultrium 4	Ultrium 3	Ultrium 2	Super DLTtape II	Super DLTtape I

LIBRARY CONFIGURATION					
Number of cartridges	30	30	30	26	26
Magazines per module	2	2	2	2	2
Slots per magazine	15	15	15	13	13
Number of drives per module	1–2	1–2	1–2	1–2	1–2
Mail slots per module	1	1	1	1	1
Maximum number of modules	8	8	8	8	8

CAPACITY					
Native capacity per module TB	24.0	12.0	6.0	7.8	4.2
Compressed capacity per module TB*	48.0	24.0	12.0	15.6	8.3

PERFORMANCE					
Native transfer rate per module (1 drive)	432 GB/hour	288 GB/hour	Up to 108 GB/hour	129.6 GB/hour	57.6 GB/hour
Native transfer rate per module (2 drives)	864 GB/hour	576 GB/hour	Up to 216 GB/hour	259.2 GB/hour	115.2 GB/hour
Compressed transfer rate per module* (1 drive)	864 GB/hour	576 GB/hour	Up to 216 GB/hour	259.2 GB/hour	115.2 GB/hour
Compressed transfer rate per module* (2 drives)	1.7 TB/hour	1.2 TB/hour	Up to 432 GB/hour	518.4 GB/hour	230.4 TB/hour

INTERFACE
Type of Interface   LVD SCSI or Native 4 Gb FC   LVD SCSI or Native FC   LVD SCSI or Native FC   LVD SCSI   LVD SCSI

ACCESSORIES INCLUDED
May vary by configuration   SCSI cable, SCSI terminator, cartridge magazine, cleaning cartridge, (LTO models only)
US power cord, documentation

RELIABILITY
Robotics MSBF (mean swaps between failures)   >2,000,000
Drive MTBF (mean time between failures)   250,000 hours
Library MTTR (mean time to repair)   <10 minutes

OPERATION
Avg. cartridge exchange time   <10 seconds
Avg. library inventory time   <2 minutes
WebTLC™ remote management   Standard
Barcode reader   Standard
Library partitioning   Optional
Interface   LVD SCSI (VHDCI) or Native FC iSCSI

PHYSICAL
Rack mount (single module)   8.75 inches (h) X 16.7 inches (w) X 31.9 inches (d)
22.2cm (h) X 42.4cm (w) X 81cm (d)
Weight (single module)   66 pounds, 30kg

POWER
Voltage   100 to 240 VAC
Frequency   50 to 60 Hz
Power   597 BTU   192 watts nominal (w/2 drives)   240 watts maximum (w/2 drives)

CERTIFICATIONS
Safety   UL, CUL, CE, TUV
Emissions   FCC, ICES, CE, VCCI, BSMI

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

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