

Neo™ LXN2000

▶ Neo

SDLT
LTO
DLT

**NON-STOP OPERATION IN A COST EFFECTIVE TAPE LIBRARY
AVAILABLE IN INCREMENTS AS SMALL AS 2 TB.**

16 x 240
↑
1 x 26

IDEAL FOR THE DEPARTMENT OR WORK GROUP

48 TB
↑
2 TB

Non-Stop Operation

The Neo LXN2000 tape library's Distributed Robotic Architecture sets the new standard for high availability in tape automation by which all other libraries will be compared. Incorporating the third generation of Overland's expandable, modular robotics, the Neo features LiveSwap™ tape drives, remote fail-over, removable power supply and redundant robotics.

Performance and Capacity

Each module has 26 DLT, 26 SuperDLT or 30 LTO Ultrium slots and up to two drives. This gives you as much as 48 TB capacity and up to 1,840 GB/hour performance in an eight module library that can operate as a single library. Drive technologies supported include DLT8000, Super DLT 220 and LTO Ultrium.

Flexible Connectivity

Connectivity functions are provided by the Virtual Interface Architecture card bays. One of these cPCI cards is used to provide an HVD SCSI interface while another card provides 1 and 2 Gbit/sec Fibre Channel (Loop or Fabric). These functions can be intermixed in one library or one entire multi-module library can be converted using one card subject to bandwidth considerations. Future cards will support IP based storage environments.

Easy to Use and Service

All operator controls are accessible through a touchscreen, graphical user interface. Web TLC™, a remote library management tool embedded in the Neo, enables the use of a standard browser to view the library and all its functions including firmware downloads, problem diagnosis, remote fail-over and configuration changes, over the internet or over a local net. Drives, power supplies, controllers and interface cards are all easily removed by the user with no special tools required.

Remote Fail-Over

A significant benefit of the Neo series design is the capability to remotely transfer control from the Master module to the Secondary Master. This fail-over can be done either through the front panel or through a standard browser using the Internet and, either way, is accomplished without moving any cables. In this manner, the library can be restarted even when one module is powered off or removed. In many cases, the backup job can be restarted using the remaining modules.

All capacities and transfer rates assume a 2:1 data compression ratio.



- LiveSwap™ tape drives, power supplies, controllers and robotics for non-stop operation
- Optional Fibre Channel interface and serverless backup reduce server workload
- Web TLC provides remote web-based library monitoring, control and fail-over management
- Interactive touch screen display provides intuitive way to view cartridge map, configuration and current status
- Convenient 26 or 30 slot modules provide economical starting point and the ability to expand when necessary





Neo™ LXN2000

Compatibility to Keep You Connected

- Supports 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.
- Seamless compatibility with all leading tape application software.

Service You Can Count On

- Covered by Overland's standard three-year factory warranty.
- On-site service is available in most areas
- Includes exclusive **XchangeNOW®** direct replacement warranty program, providing users replacement components free of charge shipped within two business days.
- Includes **GUTS™** (Guaranteed Up Time Service) program that ensures 99% up time and 100% data recovery for ultimate protection.

Protecting Your Storage Investment

- Over 20 years of experience in data protection and tape storage solutions.
- Engineering excellence with award-winning library robotics design.
- Overland meets the needs of IT professionals in industries worldwide.



OVERLAND DATA, INC.

8975 Balboa Avenue
San Diego, CA 92123-1599 USA
T: 800-729-8725 or 858-571-5555
F: 858-571-3664
E: sales@overlanddata.com
www.overlanddata.com

OVERLAND DATA, EMEA

Overland House, Ashville Way
Wokingham, Berkshire
RG41 2PL, England
T: +44 (0)118-9898000
F: +44 (0)118-9891897
E: europe@overlanddata.com
www.overlanddata.com

OVERLAND DATA, ASIAN PACIFIC OFFICE

30 Robertson Quay, # 02-10
Singapore, 238251
T: (65) 839-3510
F: (65) 738-3008
www.overlanddata.com

DRIVES AND MEDIA

	<u>DLT8000</u>	<u>Super DLT</u>	<u>LTO Ultrium</u>
Drive type	DLT8000	Super DLT	LTO Ultrium
Media type	DLTtape IV	Super DLTtape 1	LTO Ultrium 200

SYSTEM CONFIGURATION

	DLT8000	Super DLT	LTO Ultrium
Magazine capacity (slots)	13	13	15
Magazines per module	2	2	2
Number of slots per module	26	26	30
Mail slots per module	1	1	1
Number of modules per library*	1 to 8	1 to 8	1 to 8
Number of drives per module	0 to 2	0 to 2	0 to 2
Maximum drives per library	16	16	16
Maximum slots per library	208	208	240

CAPACITY

	DLT8000	Super DLT	LTO Ultrium
Native module capacity	1.04 TB	2.86 TB	3.00 TB
Compressed module capacity**	2.08 TB	5.72 TB	6.00 TB
Native library capacity	8.32 TB	22.88 TB	24 TB
Compressed library capacity**	Up to 16.64 TB	Up to 45.76 TB	Up to 48 TB

PERFORMANCE

	DLT8000	Super DLT	LTO Ultrium
Native transfer rate (1 module, 1 drive)	21.6 GB/hour	39.6 GB/hour	57.6 GB/hour
Compressed transfer rate (1 module, 1 drive)**	43.2 GB/hour	79.2 GB/hour	115.2 GB/hour
Native transfer rate (8 modules, 16 drives)	345.6 GB/hour	633.6 GB/hour	922 GB/hour
Compressed transfer rate (8 modules, 16 drives)**	691.2 GB/hour	1.26 TB/hour	1.84 TB/hour

RELIABILITY

	DLT8000	Super DLT	LTO Ultrium
Robotics MSBF (exchanges)	>2,000,000	>2,000,000	>2,000,000
Drive MTBF	250,000 hours	250,000 hours	250,000 hours

CONNECTIVITY

	DLT8000	Super DLT	LTO Ultrium
Robotics and drive interface	LVD/SE (VHDCI) or HVD Ultra Wide (HD68) or Fibre Channel (LC)		
Web TLC interface	10 BaseT browser ready with SNMP event notification		

OPTIONAL FIBRE CHANNEL SPECIFICATIONS

-Media supported	Short wave or long wave using pluggable SFP transceivers
-Extended copy commands	Supports up to 9 concurrent copy streams
-Remote management port	Ethernet 10/100
-Sustained data rate	98 MB/second (1 Gbit FC), 150 MB/second (2Gbit FC)
-Environment	Fabric, private or public
-SNMP traps for faults	Standard with the Fibre Channel option

PHYSICAL DIMENSIONS

Single module, rackmount (HxWxD)	8.75 x 16.7 x 31 inches (22.2 x 42.4 x 78.7 cm)
Single module weight	66 lb (30 kg)

POWER REQUIREMENTS

Voltage	100 to 240 VAC
Frequency	50 to 60 Hz
Power	175 Watts Typical (w / 2 drives)

AGENCY APPROVALS

Agencies	UL, UL-Canada, TUV PS, CE Marking, FCC and VCCI
----------	---

* Library may be configured with a combination of LXN2000 and LXN4000, not to exceed 16 drives and 240 slots.

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