

OVERLAND STORAGE NEO SERIES™ 4000

Enterprise-class libraries and data protection.

Neo Series 4000 libraries from Overland Storage provide enterprise-class data protection to organizations with 4 to 96 TB of mission-critical data to back up and recover. You get everything you should expect from an automated tape library:

- Nonstop operation
- Expansion on demand
- Investment protection
- Remote library management
- 1-2 Gbit/sec serverless backup in a SAN environment

With touch-screen controls and remote access available through any browser, Neo Series 4000 libraries are remarkably easy to use and monitor. Available with SDLT 220 and 320, HP Ultrium Generation 1 (LTO-1) and HP Ultrium Generation 2 (LTO-2) and DLT 8000 drives, Neo includes an LVD SCSI interface. Options include 1 and 2 Gbit/sec auto-sensing Fibre Channel (loop or fabric) as well as HVD SCSI and Library Partitioning Options.

SERVICE YOU CAN COUNT ON

- Neo 3 year XchangeNOW® warranty includes on-site maintenance during the first year in most areas of North America.
- Extended on-site maintenance is available in most areas (please ask for details).

ABOUT OVERLAND STORAGE

- Over 20 years of experience in storage management solutions.
- Engineering excellence with award-winning library robotics design.
- Offers the industry's first family of fully open storage management software solutions.
- Overland meets the needs of IT professionals in industries worldwide.

COMPATIBILITY TO KEEP YOU CONNECTED

- Supports all major operating systems: 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.



- SDLT / LTO / DLT
- 1 x 52 to 16 x 240
- 4 TB to 96 TB

RELIABILITY

Robotics MSBF (exchanges)	>2,000,000
Drive MTBF	250,000 hours

CONNECTIVITY

Robotics and drive interface	LVD SCSI (VHDCI), HVD SCSI, Fibre Channel and Library Partitioning optional.***
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 BaseT
Sustained data rate	98 MB/sec (1 Gbit FC), 150 MB/sec (2 Gbit FC)
Environment	Fabric, private or public topologies
SNMP traps for faults	Standard with Fibre Channel option

POWER REQUIREMENTS

Voltage	100 to 240 VAC
Frequency	50 to 60 Hz
Power	350 Watts typical (Model 4200 with 2 drives)

AGENCY APPROVALS

Agencies	UL, UL-Canada, TUV PS, CE Mark, FCC and VCCI
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All capacity and performance specifications assume a ratio of 2:1.
Actual performance may vary with the application.
*** Single-ended SCSI interface is not supported.

Neo Series™ 4000

	NEO 4100					NEO 4200					NEO 4300					NEO 4400									
DRIVES AND MEDIA																									
Drive type	DLT 8000		SDLT 220	SDLT 320	LTO-1	LTO-2	DLT 8000		SDLT 220	SDLT 320	LTO-1	LTO-2	DLT 8000		SDLT 220	SDLT 320	LTO-1	LTO-2	DLT 8000		SDLT 220	SDLT 320	LTO-1	LTO-2	
Media type	DLT IV	Super DLTape 1	Super DLTape 1	Ultrium 1	Ultrium 2	DLT IV	Super DLTape 1	Super DLTape 1	Ultrium 1	Ultrium 2	DLT IV	Super DLTape 1	Super DLTape 1	Ultrium 1	Ultrium 2	DLT IV	Super DLTape 1	Super DLTape 1	Ultrium 1	Ultrium 2	DLT IV	Super DLTape 1	Super DLTape 1	Ultrium 1	Ultrium 2
SYSTEM CONFIGURATION																									
Magazine size in slots	13	13	13	15	15	13	13	13	15	15	13	13	13	15	15	13	13	13	15	15	13	13	13	15	15
Number of magazines	4	4	4	4	4	8	8	8	8	8	12	12	12	12	12	16	16	16	16	16	16	16	16	16	16
Number of slots	52	52	52	60	60	104	104	104	120	120	156	156	156	180	180	208	208	208	240	240	208	208	208	240	240
Number of mail slots	2	2	2	2	2	4	4	4	4	4	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8
Minimum no. of drives	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
Maximum no. of drives	4	4	4	4	4	8	8	8	8	8	12	12	12	12	12	16	16	16	16	16	16	16	16	16	16
CAPACITY																									
Native capacity (TB)	2.1	5.7	8.3	6	12	4.2	11.4	16.6	12	24	6.2	17.1	24.9	18	36	8.3	22.8	33.2	24	48	8.3	22.8	33.2	24	48
Compressed capacity* (TB)	4.2	11.4	16.6	12	24	8.4	22.8	33.2	24	48	12.6	34.2	49.8	36	72	16.6	45.6	66.4	48	96	16.6	45.6	66.4	48	96
PERFORMANCE																									
Native transfer rate (minimum drives) (GB/hr.)	21.6	39.6	57.6	54	108	43.2	79.2	115.2	108	216	64.8	118.8	172.8	162	324	86.4	158.4	230.4	216	432	86.4	158.4	230.4	216	432
Compressed transfer rate (minimum drives)* (GB/hr.)	43.2	79.2	115.2	108	216	86.4	158.4	230.4	216	432	129.6	237.6	345.6	324	648	172.8	316.8	460.8	432	864	172.8	316.8	460.8	432	864
Native transfer rate (maximum drives) (GB/hr.)	86.4	158.4	230.4	216	432	172.8	316.8	460.8	432	864	259.2	475.2	691.2	648	1,296	345.6	633.6	921.6	804	1,728	345.6	633.6	921.6	804	1,728
Compressed transfer rate (maximum drives)* (GB/hr.)	172.8	316.8	460.8	432	864	345.6	632	921.6	864	1,728	518.4	950.4	1,380	1,296	2,592	691.2	1,270	1,840	1,728	3,456	691.2	1,270	1,840	1,728	3,456
PHYSICAL DIMENSIONS																									
Rackmount (HxWxD)	17.5 x 16.7 x 31.9 inches (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)					52.5 x 16.7 x 31.9 inches (133.3 x 42.4 x 81 cm)					70.0 x 16.7 x 31.9 inches (177.7 x 42.4 x 81 cm)									
Weight	171 lb. (24 kg.)					342 lb. (48 kg.)					513 lb. (72 kg.)					684 lb. (96 kg.)									

* Assumes compression ratio of 2:1. Actual performance may vary with the application.
NOTE: Rack is not included in the Neo Series 4200-4400. Neo Series 4100 is available with a cabinet.

With Neo, you can buy based on your current needs and increase your capacity as your data grows.



Neo 4100



Neo 4200



Neo 4300



Neo 4400

WORLDWIDE HEADQUARTERS
4820 Overland Avenue
San Diego, CA 92123 USA
TEL 1-800-729-8725
1-858-571-5555
FAX 1-858-571-3664
EMAIL sales@overlandstorage.com

UNITED KINGDOM (EMEA OFFICE)
Overland House
Ashville Way
Wokingham, Berkshire
RG41 2PL England
TEL +44 (0) 118-9898000
FAX +44 (0) 118-9891897
EMAIL europe@overlandstorage.com

FRANCE OFFICE
Overland Storage
126 rue Gallieni
92643 Boulogne Cedex France
TEL +33 (0) 1 55 19 23 93
FAX +33 (0) 1 55 19 25 02
EMAIL europe@overlandstorage.com

GERMANY OFFICE
Humboldtstr. 12
85609 Dornach Germany
TEL +49-89-94490-214
TEL +33 (0) 1 55 19 23 93
FAX +49-89-94490-414
EMAIL europe@overlandstorage.com

ASIA PACIFIC REP. OFFICE
30 Robertson Quay, #02-10
Singapore, 238251
TEL 65-6839-3510
FAX 65-6738-3008
EMAIL asia@overlandstorage.com

WWW.OVERLANDSTORAGE.COM