



Targetfour

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Product Datasheet

Overland Storage NEO Series 4000

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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 66 TB of mission-critical data to backup 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 Gb/second 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 SuperDLT, LTO Ultrium and DLT8000 drives, Neo offers optional 1 and 2 Gb/second auto-sensing Fibre Channel support as well as LVD/SE and optional HVD SCSI.

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.

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 (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.

- SDLT / LTO / DLT
- 1 x 52 to 16 x 240
- 4 TB to 66 TB



RELIABILITY

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

CONNECTIVITY

Robotics and drive interface	LVD/SE (VHDCI) or HVD Ultra Wide SCSI (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 Base-T
Sustained data rate	98 MB/second (1 Gbit FC), 150 MB/second (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.

Neo Series™ 4000

	NEO 4100				NEO 4200				NEO 4300				NEO 4400			
DRIVES AND MEDIA																
Drive type	DLT8000	SDLT 220	SDLT 320	LTO Ultrium	DLT8000	SDLT 220	SDLT 320	LTO Ultrium	DLT8000	SDLT 220	SDLT 320	LTO Ultrium	DLT8000	SDLT 220	SDLT 320	LTO Ultrium
Media type	DLT IV	Super DLTape 1	Super DLTape 1	LTO	DLT IV	Super DLTape 1	Super DLTape 1	LTO	DLT IV	Super DLTape 1	Super DLTape 1	LTO	DLT IV	Super DLTape 1	Super DLTape 1	LTO
SYSTEM CONFIGURATION																
Magazine size in slots	13	13	13	15	13	13	13	15	13	13	13	15	13	13	13	15
Number of magazines	4	4	4	4	8	8	8	8	12	12	12	12	16	16	16	16
Number of slots	52	52	52	60	104	104	104	120	156	156	156	180	208	208	208	240
Number of mail slots	2	2	2	2	4	4	4	4	6	6	6	6	8	8	8	8
Minimum no. of drives	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
Maximum no. of drives	4	4	4	4	8	8	8	8	12	12	12	12	16	16	16	16
CAPACITY																
Native capacity	2.1 TB	5.72 TB	8.3 TB	6.0 TB	4.2 TB	11.4 TB	16.6 TB	12.0 TB	6.2 TB	17.1 TB	24.9 TB	18.0 TB	8.3 TB	22.8 TB	33.2 TB	24.0 TB
Compressed capacity*	4.2 TB	11.44 TB	16.6 TB	12.0 TB	8.4 TB	22.8 TB	33.2 TB	24.0 TB	12.6 TB	34.2 TB	49.8 TB	36.0 TB	16.6 TB	45.6 TB	66.4 TB	48.0 TB
PERFORMANCE																
Native transfer rate (minimum drives)	21.6 GB/hour	39.6 GB/hour	57.6 GB/hour	57.6 GB/hour	43.2 GB/hour	79.2 GB/hour	115.2 GB/hour	115.2 GB/hour	64.8 GB/hour	118.8 GB/hour	172.8 GB/hour	172.8 GB/hour	86.4 GB/hour	158.4 GB/hour	230.4 GB/hour	230.4 GB/hour
Compressed transfer rate (minimum drives)*	43.2 GB/hour	79.2 GB/hour	115.2 GB/hour	115.2 GB/hour	86.4 GB/hour	158.4 GB/hour	230.4 GB/hour	230.4 GB/hour	129.6 GB/hour	237.6 GB/hour	345.6 GB/hour	345.6 GB/hour	172.8 GB/hour	316.8 GB/hour	460.8 GB/hour	460.8 GB/hour
Native transfer rate (maximum drives)	86.4 GB/hour	158.4 GB/hour	230.4 GB/hour	230.4 GB/hour	172.8 GB/hour	316.8 GB/hour	460.8 GB/hour	460.8 GB/hour	259.2 GB/hour	475.2 GB/hour	691.2 GB/hour	691.2 GB/hour	345.6 GB/hour	633.6 GB/hour	921.6 GB/hour	921.6 GB/hour
Compressed transfer rate (maximum drives)*	172.8 GB/hour	316.8 GB/hour	460.8 GB/hour	460.8 GB/hour	345.6 GB/hour	632 GB/hour	921.6 GB/hour	921.6 GB/hour	518.4 GB/hour	950.4 GB/hour	1.38 TB/hour	1.38 TB/hour	691.2 GB/hour	1.27 TB/hour	1.84 TB/hour	1.84 TB/hour
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.

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

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