



**Targetfour**

[www.targetfour.com](http://www.targetfour.com)

## **Product Datasheet**

# **Overland Storage NEO Series 8000 Tape Library**

**For UK Pricing, Sales and Support please contact:**

Targetfour Limited. Imperial House, 8 Oaklands Park, Wokingham, Berks. RG41 2FD

Tel. 0118 936 4300 Fax. 0118 936 4329

Email. [sales@targetfour.com](mailto:sales@targetfour.com) Website: [www.targetfour.com](http://www.targetfour.com)

# NEO SERIES™ 8000



*The most simple and affordable way to ensure zero downtime for your corporate data center.*

The new NEO 8000 enterprise library from Overland Storage provides unmatched performance for organizations with very large amounts (up to 200 TB) of mission-critical data. Specifically the NEO SERIES 8000 offers:

- The best library technology at the best price
- More capacity per square foot than any other enterprise-class library on the market
- Scalability: The ability to easily scale from 100 to 500 cartridges via an internal software key
- Award-winning NEO technology from the leader in backup and recovery solutions.

With touch-screen controls and remote access from any browser, Overland's NEO SERIES libraries are remarkably easy to use and monitor. That's why Overland's NEO technology has won more industry awards than any other library technology available, including Storage Magazine's Product of the Year Award, Network Computing Editor's Choice Award, as well as a perfect score of 5 out of 5 stars from PC Magazine.

- *More capacity per square foot than any other enterprise-class library on the market*
- *Full, multi-port connectivity: (Fibre Channel, SCSI, iSCSI)*
- *Redundant/hot swappable components*
- *Award-winning NEO technology from the leader in backup and recovery solutions*

## NEO'S UNSURPASSED COMPATIBILITY MEANS ZERO DOWNTIME FOR YOUR BUSINESS

- 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

- Every NEO 8000 comes with one full year of on-site service, ensuring "up time all the time" for your business.
- Additional service plans available. See [www.overlandstorage.com](http://www.overlandstorage.com) for details.

## ABOUT OVERLAND STORAGE

- Overland is the leading provider of backup and recovery solutions trusted by Fortune 10,000 companies
- Overland has been a leader in storage management for more than 23 years
- Our award-winning NEO technology is the best in the industry



- LTO 2
- 2 x 100 to 12 x 500
- 20 TB to 200 TB

*In 2002-2003 Overland's NEO technology won more awards than any other library in the industry.\**



**Storage Magazine**  
Product of the Year  
"Gold"  
(category winner)  
January 2003



**PC Magazine**  
Excellent Rating  
Score: 5 out of 5  
★★★★★



**Network Computing**  
Editor's Choice Award  
Well-Connected Award  
Tape Library Category  
NEO SERIES 4000



**PC Pro**  
Recommended  
September 2001  
PC Pro (UK) NEO SERIES



**Arkeia Power Award**  
Arkeia by Knox Software  
NEO SERIES 2000

# NEO SERIES™ 8000

MODELS	NEO 8000 100	NEO 8000 180	NEO 8000 260	NEO 8000 340	NEO 8000 420	NEO 8000 500
<b>DRIVES AND MEDIA</b>						
Drive Type Media Type	LTO Ultrium Gen-2 Ultrium 2	LTO Ultrium Gen-2 Ultrium 2	LTO Ultrium Gen-2 Ultrium 2	LTO Ultrium Gen-2 Ultrium 2	LTO Ultrium Gen-2 Ultrium 2	LTO Ultrium Gen-2 Ultrium 2
<b>SYSTEM CONFIGURATION</b>						
Number of tape trays	1	2	3	4	5	6
Number of tape slots	100	180	260	340	420	500
Number of I/E tape slots	15	15	15	15	15	15
Min. number of tape drives	2	2	2	2	2	2
Max. number of tape drives	12	12	12	12	12	12
<b>STORAGE CAPACITY</b>						
Native Capacity (TB)	20	36	52	68	84	100
Compressed Capacity ** (TB)	40	72	104	136	168	200
<b>SYSTEM PERFORMANCE</b>						
Native transfer rate (GB/hr.) w/min. number of drives	216	216	216	216	216	216
Native transfer rate (GB/hr.) w/max. number of drives	1,296	1,296	1,296	1,296	1,296	1,296
Comp. transfer rate ** (GB/hr.) w/min. number of drives	432	432	432	432	432	432
Comp. transfer rate ** (GB/hr.) w/max. number of drives	2,592	2,592	2,592	2,592	2,592	2,592
<b>STORAGE CAPACITY</b>						
Dimensions (H x W x D)	76 x 24 x 41.5 in. 193 x 61 x 105 cm	76 x 24 x 41.5 in. 193 x 61 x 105 cm	76 x 24 x 41.5 in. 193 x 61 x 105 cm	76 x 24 x 41.5 in. 193 x 61 x 105 cm	76 x 24 x 41.5 in. 193 x 61 x 105 cm	76 x 24 x 41.5 in. 193 x 61 x 105 cm
Weight (with maximum drives)	720 lb. 327 kg.	720 lb. 327 kg.	720 lb. 327 kg.	720 lb. 327 kg.	720 lb. 327 kg.	720 lb. 327 kg.

## RELIABILITY

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

## CONNECTIVITY

Robotics and drive interface	LVD SCSI (VHDCI). HVD SCSI, Fibre Channel, GBE NDMP, GBE iSCSI 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	600 Watts typical

## AGENCY APPROVALS

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

### 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  
13 rue Camille Desmoulins  
92441 Issy les Moulineaux Cedex  
France  
TEL +33 (0) 1 58042550  
FAX +33 (0) 1 58042636  
EMAIL europe@overlandstorage.com

### GERMANY OFFICE

Humboldtstr. 12  
85609 Dornach Germany  
TEL +49-89-94490-214  
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](http://WWW.OVERLANDSTORAGE.COM)