



REO® 9000, 9100 & 9100c Expansion Array

SPECIFICATIONS

SUPPORTED CONFIGURATIONS

Up to four Expansion Arrays per REO. For use with the REO 9000, 9100 & 9100c only.

CAPACITY* (SATA DISKS)

Disks	16 x 250 GB	16 x 500 GB	16 x 750 GB
Raw Capacity	4.0 TB	8.0 TB	12.0 TB
RAID 5 Capacity (w/one hot spare disk)	3.5 TB	7.0 TB	10.5 TB

SOFTWARE REQUIREMENTS

Requires REO Protection OS™ software v2.5 or higher

STANDARD HARDWARE FEATURES

19-inch rack-mount enclosure, hot-plug disk drives, redundant hot-plug power supplies, redundant cooling, dual RAID controllers, dual GbE data ports, 10/100 management port

EXTERNAL INTERFACES

REO 9000, 9100 & 9100c Interfaces
Expansion
Service Ports

U320 SCSI (VHDCI)
Up to four Expansion Arrays per REO. For use with the REO 9000, 9100 & 9100c only.
10/100 Ethernet port (RJ45), RS232 (DB9)

POWER REQUIREMENTS

Voltage
Frequency
Current
Power Cord Connector (US)
Power Consumption

100 to 120 VAC, 200 to 240 VAC +/- 10%
47 to 63 Hz
10A @ 100 VAC, 5A @ 240 VAC;
IEC 60320 C13 connectors, two per unit
Peak 460 Watts

ENCLOSURE

Dimensions
Vertical Rack
Weight Per Array:
Unpackaged
Shipping Weight

5.25 x 19.0 x 19.9 inches (13.3 x 48.3 x 50.4 cm)
3U rackmount

90 lbs. (41 kg)
135 lbs. (57 kg)

ENVIRONMENTAL REQUIREMENTS

Humidity
Temperature
Altitude
Shock
Vibration

OPERATING	NON-OPERATING
20–80% non-condensing	10–95% non-condensing
10–40° C	40 to 60° C
-984 to 10,000 ft (-300 to 3,048 m)	984 to 30,370 ft (-300 to 12,000 m)
10 G (11 ms half sine pulse)	20 G (11 ms half sine pulse)
.25 G swept sine (5–250–5 Hz) no errors	1.0 G swept sine (5–250–5 Hz)

AGENCY APPROVALS

NRTL (US & Canada), CE, VCCI Class A/CISPR PUB 22 (Japan), BSMI (Taiwan)

INTEROPERABILITY

Contact Overland Storage or visit www.overlandstorage.com for the most current iSCSI, Fibre Channel, and backup software compatibility matrices

* One TB equals one trillion bytes. Expansion Array specifications available on separate datasheet.

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