



The RS-0800-LVD is an 8 drive SCSI JBOD that is first in its class in offering a future-proof-U320 compliant, enterprise quality, upgradeable and low cost disk array.

This innovative storage system is built to Xyratex's high standards and offers 1160 Gigabytes in just 2U of 19 inch rack space (based on 8 x 146GB low profile drives).

The RS-0800-LVD offers excellent price performance in a small form factor package. This new generation of chassis provides exceptional cooling, rotational vibration and acoustic performance characteristics. The enclosure is easily mounted in standard 19 inch racks.

The storage solution can operate in the most difficult operating environments in the world. The system is one of the first in its class to provide a fully redundant cooling system capable

RAID Features

- FCC class B, UL cUL & CE mark
- U160 & U320 SCSI compliant
- Low cost cooling available in a single cooling module solution; enhanced redundancy available in a dual fan tray solution (4 fans)
- Single or redundant 350W power supplies. Autoranging voltage and cycle operation
 - Redundant Operation
 - Current Sharing
- Configurable as either a single (1 channel of 8 drives) or dual (2 channels of 4 drives) bus
- Suitable for 19 inch rack mounting
- Fault indicators for drive enclosures, FRUs & removable modules.

of withstanding temperatures of up to 50°C (with optional 2nd cooling module installed) or up to 40°C in the standard configuration.

The RS-0800-LVD offers a fully redundant and highly flexible architecture with optional 1 channel of 8 drives or 2 channels of 4 drive bus structures. The front-end design is easily customized allowing OEMs to provide a unique appearance for their solutions.

Technical Specification

Product code:	RS-0800-LVD	
U160 SCSI Drives:	8 per enclosure	
External Interface:	VHDCI connectors	
Device Types Supported:	Ultra 2, U160 LVD SCSI & U320 LVD SCSI drives to 15,000 rpm or up to 146GB	
Chassis Material:	Combination of pre-plated sheet metal, injection moulded plastics and metal castings	
Hot-pluggable components:	PSU, cooling module, disk drives, I/O modules and RAID controller	
U320 SCSI Compliant:	Contact Xyratex for details	
Dimensions	Height: (2 EIA Units)	85.7mm
	Width:	545mm
	Depth:	447mm
	Weight:	22Kg
Altitude	Operational:	0 to 2133m
	Non-operational:	-305 to 12,192m

Power	Voltage (autoranging):	100 to 120VAC or 200 to 240VAC
	Frequency:	47 - 63 HZ
Temperature & Humidity	Power consumption:	370 VA max
	Operational Currents:	1.55A@230V, 2.8A@110V
	Inrush current : (25°C cold start 1 PSU)	9A @ 230 VAC
Shock & Vibration	Temp. Range: (Operating)	+5 to +35°C
	Humidity non-condensing:	20% - 80%
Operational Shock:	Operational Shock:	5g 10ms 1/2 Sine
	Operational Vibration:	Random 0.21grms 5-500Hz
Non-operational Shock:	Non-operational Shock:	30g 10ms 1/2 Sine
	Non-operational Vibration:	Random 1.04 grms 2-200 Hz
Relocation Vibration:	Relocation Vibration:	Swept Sine 0.3g 2-200Hz
Acoustics	Sound Power Operating:	< 6.0 LwA @20°C
Warranty	Enclosure with drives:	3 years

Please contact Xyratex for detailed warranty information.

THIS PRODUCT IS NOT RECOMMENDED FOR NEW DEVELOPMENTS

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