JB16 SAS/SATA JBOD

High Performance

With four 3Gb/s, full-duplex SAS channels, the JB16 is capable of 1,200MB/s throughput which is faster than a single 4G or 10G fiber connection. This makes the JB16 ideal for applications like High Definition Video editing where high capacity and high performance are a must.

High Density Storage

The JB16 holds up to sixteen 3.5" SAS or SATA drives with individual capacities to 750GB. The JB16 has a maximum combined storage capacity today of 12 terabytes. With 1TB hard drives on the horizon, the JB16 will soon boast a maximum total capacity of 16 terabytes.

Scalability

The JB16 SAS/SATA JBOD is designed with four high-speed SAS I/O downlinks for cascading up to four more JB16s while maintaining 1200Gb/s throughput. Simply add another JB16 when you require additionaly capacity.

Easy to Manage, Easy to Maintain

The JB16 design features a modular base with hot-swap I/O modules, power supplies and cooling fans. Using SCSI Enclosure Services (SES), the JB16 features LED drive activity and failure lights for easy identification and replacement.

The Best Cost to Performance Ratio

The versatile JB16 can be configured with SAS drives for maximum speed and releiability or SATA drives for maximum capacity and value, making the JB16 the ideal choice for on-line storage for Video Editing or near-line Disk-To-Disk Backup applications.

Feature	Description	Specification
General		
I/O Interface	Mini-SAS 4x Connector	Single
Expansion Links	Mini-SAS 4x Connector	Single
Transfer Speed	1,200MB/s	Yes
Drives		
Drive Interface	3Gb/s Dual-Port SAS	Yes
Drive RPM	1.5/3.0Gb/s Single-Port SATA	Yes
Form Factor	Up to 15,000 RPM	Yes
Management		
Firmware Upgrade	In-Band/Out-of-Band	Windows GUI
LED Indicators/Audible Alarms		Yes
Hot-Swap & Redundancy	Single/Redundant	Standard/Optional
I/O Module	Hot-Swap	16-Bay
Disk Drive		Redundant 2+1
Cooling	Redundant 1+1	460W
Power Supply	Dual A/C Inlet	Yes
Power Entry		
Electrical & Environmental		
Universal A/C Input		100-240V A/C
Operating Environment	Temp 5°C to 35°C, Relative Humidity 20% - 80%	
Non-Operating environment	Temp -20°C to 60°C, Relative Humidity 10% - 90%	
Physical Dimensions		
Height		130mm/5.12"
Width		440mm/17.32"
Depth		570mm/22.44"
Weight w/o Drives		19.5kg/43lbs
Agency Approvals		
Emmisions & Safety		FCC,CE,UL,CB
Quality		ISO9001