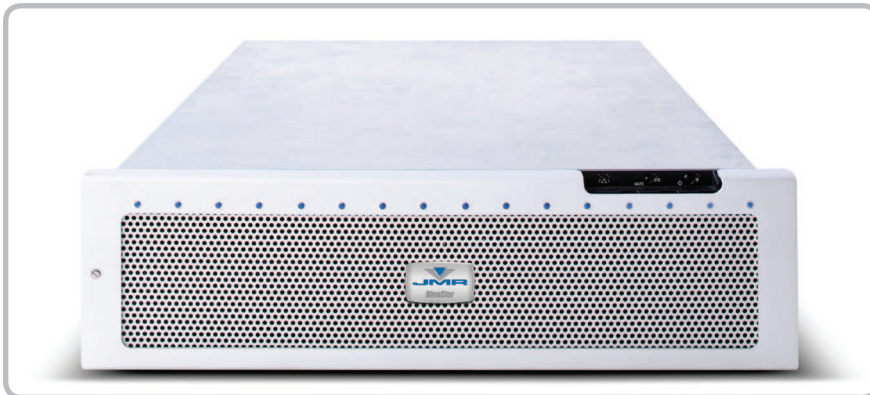


BlueStor™

SAS Expander with hot-swappable SAS/SATA disk drive bays



CAPACITY
UP TO 48TB*

TRANSFER RATE
UP TO 1700MB/S

The **BlueStor™** SAS Expander features 16 hot-swappable SAS/SATA 3 Gb/s or 6 Gb/s disk drive bays with fully redundant power and cooling via hot-swappable modules. Using no cables in the data path and vertically installed disk drives, the **BlueStor™** offers higher performance and signal integrity, with cooler operating disk drives, than any competitive product. **BlueStor™** disk canisters are uniquely designed lightweight, low-cost resin that reduce drive vibration while providing excellent air flow. Each canister features an integrated light pipe, latching handle and single modular EMI shield for the utmost in elegant simplicity.

The **BlueStor™** SAS Expander features dual 4x SAS ports for host connectivity and concatenation to additional storage units using low-cost multilane SAS cables. It is compatible with every SAS and SATA-2 (3.5" form factor) disk drive on the market today, as well as a long list of compatibility-confirmed host adapters and SAS RAID controllers. This SES 2.0 compliant product also features a unique Physical User Interface with real-time disk activity/failure status indicators as well as visible and audible alarms for power or cooling system failures. Friendlier than most Enterprise-class hardware, the **BlueStor™** 3U rackmounts all feature front-panel "on-off" and "alarm reset" switches.

Any **BlueStor™** SAS Expander may be field upgraded to the unique, patented **PeSAN™** direct-attached PCI storage RAID system by replacing one plug-in module. The SAS Expander and **PeSAN™** 3U rackmounts use interchangeable FRUs for easy expandability and low spares cost.

Features:

- 3U 16-Bay Rackmount Enclosure
- Sixteen 3.5" Disk Canisters
- Hot Swappable HDDs
- Dual Hot Swappable Power Supplies
- SAS/SATA to the drives
- Up to 48 TB Capacity with SATA drives
- Up to 9.6 TB Capacity with SAS 15K drives
- Enclosure Management

*Based on current drive capacities

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SAS or SATA II drives can be connected to the SAS JBOD Expander. For higher performance environments, the use of SAS disk drives provides maximum bandwidth and I/O for data intensive applications. If cost is a primary issue or if the use of secondary storage is needed for Information Lifecycle Management (ILM), nearline storage, Content Addressable Storage (CAS), or disk-to-disk back-up deployments, the SAS JBOD Expanders support the use of more cost-effective SATA disk drives, dramatically lowering subsystem cost and TCO. The SAS JBOD Expander also supports the intermixing of SAS and SATA disk drives within the same enclosure for unmatched configuration flexibility.

Rack Mount Specifications

Dimensions/Weight

Weight	35.05 lbs. (15.90 kg) (excluding drives)
Height	5.21" (3U) (132 mm)
Width	19" (483 mm)
Depth	21" (533 mm)

Power Supply (includes internal cooling fan)

Quantity	2
Power	350 Watts each (N+1) Power Factor Correction
Input	100-260 VAC; 50-60 Hz
Output	+5V @ 35A -5V @ 0.5A +12V @ 22A -12V @ 0.8A +3.3V @ 20A

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INNOVATORS IN STORAGE TECHNOLOGIES

