

JetStor[®]

Storage. Solutions. Support.

SAS

4U

60 BAY

JetStor SAS 760J

HIGH PERFORMANCE JBOD SYSTEM

2,400
MB/S!



JetStor SAS 760J

JetStor SAS 760J is a 19-inch 4U rackmount JBOD unit. It comes with 60 hot-swappable bays and is ideal for high capacity and scalability storage in most popular OS environments. Based on 6Gb SAS Channel host interfaces, the JetStor SAS 760J supports SAS drive configuration to deliver the best cost-performance index with higher bandwidth. SAS drives allow the JetStor SAS 760J to be used for a range of applications that require different price/performance characteristics. Hosting multiple tiers of data in an JetStor SAS 760J configuration gives organizations the flexibility to meet both their technical requirements and budgetary constraints with a single unified solution.

HIGHLY AVAILABLE DESIGN

The JetStor SAS 760J RAID system features fail-safe engineering for non-stop operations. A fully cableless design improves reliability. Dual hot-swappable power supplies with integrated turbo-cooling and separate power connections provide system tolerance of any component failure. SNMP or SMTP email notifications of all system events enables proactive maintenance.

NON-STOP ADS AVAILABILITY

Almost all RAID levels are supported for precise configuration to your application's performance and protection requirements. Multiple drives may be designated as hot-spares allowing the system to transparently move data to a spare should an error be detected. Drives are hot-swappable, with automatic rebuilding of data on the new drive. Capacity can be increased and drives replaced while data remains on-line. For the greatest protection, RAID 6 with Advanced Data Sentry technology allows for continuous operations even with two simultaneous drive failures. Considering that RAID 6 ADS provides 1,000 times greater data protection than RAID 5, why trust your data to any other technology?

FEATURES

- Four SFF-8088 6 Gb/sec SAS 2.0 host and expansion connections support up to 2,400 MB/sec bandwidth each
- SAS Point-to-point connectivity isolates drive failures, increasing reliability and fault tolerance, and improving performance
- SAS daisy-chain expansion to additional JetStor SAS 760J storage JBOD and other SFF-8088 SAS compliant host/expansion ports
- Field-replaceable major components allow for maximum convenience, uptime and configuration flexibility.
- Free telephone and email support.

WARRANTY

- Three to five years on disk drives, one year on BBM, three years on all other components.
- Optional advanced replacement program ships drive replacements within 24 hours. Optional on-site service also available.



RAID MANAGER

Proactively manage, configure and monitor all JetStor RAID systems from any browser.

www.raid.com
sales@acnc.com
800.213.2667



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SPECIFICATIONS

JetStor SAS 760J

HIGH PERFORMANCE JBOD SYSTEM

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Model	JetStor SAS 760J
Host / Expansion Connections	Four, 6Gb/s SAS 2.0 (SFF-8088)
Disk Interface	SAS/SAS2 (3Gb/6Gb)
Drives (unit)	60, 3.5"
Management / Monitor port support	Yes
SMTP manager and SNMP agent	Yes
Enclosure	
Tray lock	Yes
Disk status indicators	Access / Fail LED
Single Backplane	SAS2 / SATA3 Cableless
PS/Fan modules	Two 1200W w/PFC
Turbo Fans	Two
Power Requirements	AC 90V-264V Full Range, 47Hz-63Hz
Environmental	
Relative Humidity	10% - 80% Non-condensing
Operating Temperature	41°F - 95°F (10°C ~ 40°C)
Physical Dimensions (L x W x H)	39"x19"x7" 990.6mm x 482.6mm x 177.8mm
Weight (Without drives)	105 lbs (47.7 kg)
Compatibility	
Operating Systems	VMWare ESX Server, vSphere, Windows Server 2008, Windows Server 2003, XenServer, Oracle/Solaris, Linux, MAC OS X
SAS Drives	3.5": 300GB, 450GB, 600GB, 1TB, 2TB, 3TB, 4TB and 6TB

JBOD FEATURES

- Full-featured robust 6Gb/sec high-performance SAS 2.0
- Operation with either single I/O controller or dual I/O controller for redundant failover
- Multiple Drive partitioning/split-bus zoning modes
- Global & dedicated hot spares
- Sold with JBOD SAS 2.0 I/O controllers
- Hot-pluggable I/O controller(s) and dual redundant high efficiency advanced power/cooling (APC) modules
- Redundant system cooling blowers per APC that are powered by either APC moduleVariable stripe size
- SAS Point-to-point connectivity isolates drive failures, increasing reliability and fault tolerance

MANUFACTURER



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CMAS: 3-00-70-1230A

SYSTEM FEATURES

- Menu driven front LCD display
- Innovative modular architecture
- Redundant flash image for high availability
- Multiple array enclosures per host connection
- Volume sets greater than 2TB (64-bit LBA support)
- Disk drives greater than 2TB
- Supports Windows 4KB/sector, up to 16TB per volume set
- Disk scrubbing / array verification scheduling for automatic repair of all RAID sets
- Records logins in the event log with IP address and service (http, telnet and serial)
- Supports intelligent power management to save energy and extend service life
- NTP protocol RAID controller clock synchronization
- Background initialization for instant availability
- Supports S.M.A.R.T, NCQ and OOB staggered spin-up capable drives
- Local audible event notification alarm
- Real time clock support