

JetStor[®]

Storage. Solutions. Support.

SAS / SATA

2U

12 BAY

JetStor SAS 712J

HIGH PERFORMANCE JBOD SYSTEM

1,600
MB/S!



JetStor SAS 712J

JetStor SAS 712J is a 19-inch 2U rackmount JBOD unit. It comes with 12 hot-swappable bays and ideal for high capacity and scalability storage in most popular OS environments. Based on 6Gb SAS Channel host interfaces, the JetStor SAS 712J supports SAS/SAS2 or SATA2/3 drive configurations to deliver the best cost-performance index with higher bandwidth.

HIGHLY AVAILABLE DESIGN

The JetStor SAS 712J 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, and dual-redundant active/active array controllers provide system tolerance of any component failure. SNMP or SMTP email notifications of all system events enables proactive maintenance.

NON-STOP ADS AVAILABILITY

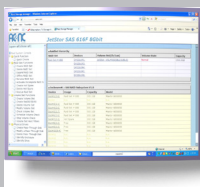
Almost all RAID levels are supported for precise configuration to your application's performance and protection requirements. Multiple drives may be designated as hot-spares allowing the system to transparently move data to a spare should an error be detected. Drives are hot-swappable, with automatic 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

- 6Gb/s performance through three Serial Attached SCSI (SAS) external connections to support your most demanding applications.
- Utilizes industry-standard SCSI Enclosure Services to monitor enclosure and disk environmental conditions
- S.E.S. support for standard enclosure management
- Incorporates a cableless design for maximum signal integrity
- 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



JetStor®

Storage. Solutions. Support.

SPECIFICATIONS

JetStor SAS 712J HIGH PERFORMANCE JBOD SYSTEM

1,600
MB/S!



Model	JetStor SAS 712J
Host / Expansion Connections	Three, 6Gb/s Serial Attached SCSI (SAS)
Disk Interface	SAS/SAS2 (3Gb/6Gb) or SATA2/3 (3Gb/6Gb)
SAS expansion	Two 4x mini SAS (6Gb/s)
Drives (unit / expansion)	12, 3.5" / Up to 96
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 400W w/PFC
Turbo Fans	Two
Power Requirements	AC 90V-264V Full Range, 24Hz-63Hz, 7.5A - 4A
Environmental	
Relative Humidity	10% - 85% Non-condensing
Operating Temperature	50°F - 104°F (10°C ~ 40°C)
Physical Dimensions (L x W x H)	22" x 19" x 3.5" 559mm x 482.6mm x 89mm
Weight (Without drives)	40 lbs (18 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
SATA Drives	3.5": 1TB, 2TB, 3TB, 4TB and 6TB

JBOD FEATURES

- 12 hot-swappable drive bays in a rackmount 2U chassis
- Single SAS JBOD controller module
- SAS JBOD controller module consist of two or three mini SAS (4X) port
- Global & dedicated hot spares
- Power supply and cooling system contained in 1 module for efficient cooling
- Two 400W redundant hot swappable power supplies
- Incorporates a cableless design for maximum signal integrity
- Utilizes industry-standard SCSI Enclosure Services to monitor enclosure and disk environmental conditions
- System LED indications
- System voltage monitoring

MANUFACTURER



www.raid.com
sales@acnc.com
 800.213.2667

Advanced Computer & Network Corporation

5001 Baum Boulevard, Suite 680
 Pittsburgh, PA 15213
 Phone: 412.683.9010
 Fax: 412.683.9070
 Support: 888.686.2262
 Europe: +44 (0)1628 891616
 GSA Schedule: GS-35F-0694J
 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