

# JetStor<sup>®</sup>

Storage. Solutions. Support.

SAS / SATA / SSD

3U

16 BAY

## JetStor SAS 716F V2 HIGH PERFORMANCE RAID SYSTEM

8GB  
FC-AL



JetStor SAS 716F V2

The JetStor SAS 716F V2 RAID system delivers 1,600 MB/second through 8Gb/sec SAS2 host connections to enable the most demanding applications. Outstanding throughput coupled with fast random access eliminates bottlenecks in your most demanding applications, diminishing response times and increasing productivity. The JetStor SAS 716F V2 RAID system accelerates databases, file servers, production applications, imaging, and any application demanding the instantaneous delivery of records, small and large files.

### HIGHLY AVAILABLE DESIGN

JetStor SAS 716F V2 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 hot-swappable controllers provide system tolerance of any component failure. SNMP or SMTP email notifications of all system events enables proactive maintenance.

### CUSTOMER TESTIMONIAL

*"In our research field, data acquisition outpaces advances in hard drive capacity. We have Qty 12 JetStor fiber-channel 716F enclosures purchased over the last decade that continue to run flawlessly. Although I appreciate the reliability of hardware and customer support, I return to JetStor for performance - our fiber-channel enclosures provide high-speed, low-latency access to our NFS-mounted desktop environment. I also appreciate the simple, web-based management interface... because I have other work to do."*

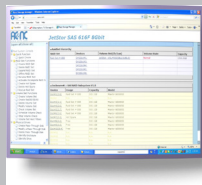
*~ Julie A. - Linux system admin - Helen Wills Neuroscience Institute at UC Berkeley*

### FEATURES

- Up to 1,600 MB/sec performance through four 8Gb/sec SAS2 host connections to support your most demanding applications.
- RAID Manager browser based GUI management and monitoring software allows you to remotely configure and manage all JetStor systems with e-mail event notification.
- Supports all Operating Systems, both single and clustered.
- 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](http://www.raid.com)  
[sales@acnc.com](mailto:sales@acnc.com)  
800.213.2667



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## SPECIFICATIONS

# JetStor SAS 716F V2

## HIGH PERFORMANCE RAID SYSTEM

**8GB  
FC-AL**



<b>Model</b>	<b>JetStor SAS 716F V2</b>
Host Ports	Four 8Gb/s FC-AL
Disk Interface	6Gb/s SAS/SATA and 12Gb/s SAS
6Gb/s SAS2 Expansion Ports	Two
Drives (unit / expansion)	16, 3.5"/Up to 112
Processor type	800 MHz Dual Core RAID-On-Chip Storage
Cache memory	4GB(default)-8GB(optional)/DDR3-1333 ECC REG SDRAM
Battery backup	Optional
SMTP manager and SNMP agent	Yes
<b>Enclosure</b>	
Disk status indicators	Access / Fail LED
Single Backplane	SAS2 / SATA3 Cableless
PS/Fan modules	Two 500W w/PFC
Turbo Fans	Four
Power	90V-264V, 24Hz-63Hz full range; 10A - 5A
<b>Environmental</b>	
Relative Humidity	10% ~ 85% Non-condensing
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Physical Dimension	23.25(L) x 19(W) x 5(H) in
Weight (w/out disks)	24 Kg / 53 Lbs
<b>Compatibility</b>	
Operating Systems	VMWare ESX Server, vSphere, Windows Server 2008, XenServer, Oracle/Solaris, Linux, MAC OS X
SATA Drives 3.5"	1TB, 2TB, 3TB, 4TB, 6TB and 8TB
SAS Drives 3.5"	600GB, 1TB, 2TB, 3TB, 4TB, 6TB and 8TB
SAS Drives 2.5"	450GB, 600GB, 900GB, 1.2TB and 1.8TB
SSD Drives 2.5"	300GB, 480GB, 600GB and 800GB

## RAID FEATURES

- RAID Levels 0, 1,10(1E), 3, 5, 6, 30, 50, 60 and JBOD
- Up to 128 Array groups
- Up to 128 LUNs
- Global & dedicated hot spares
- Simultaneous online expansion and RAID migration
- Drive roaming
- Online rebuild
- Variable stripe size
- E-mail notification
- Online capacity expansion
- Online volume set expansion
- RAID level/stripe size migration
- Online array roaming
- Online consistency check
- Instant availability and background initialization
- S.M.A.R.T. support
- MAID 2.0
- Bad block auto-remapping

## MANUFACTURER



[www.raid.com](http://www.raid.com)  
[sales@acnc.com](mailto:sales@acnc.com)  
800.213.2667

### Advanced Computer & Network Corporation

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Support: 800.213.2667  
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