

# JetStor<sup>®</sup>

Storage. Solutions. Support.

SAS / SATA / SSD

3U

16 BAY

## JetStor SAS 716iS 10G V2 HIGH PERFORMANCE RAID SYSTEM

**SSD  
Caching**



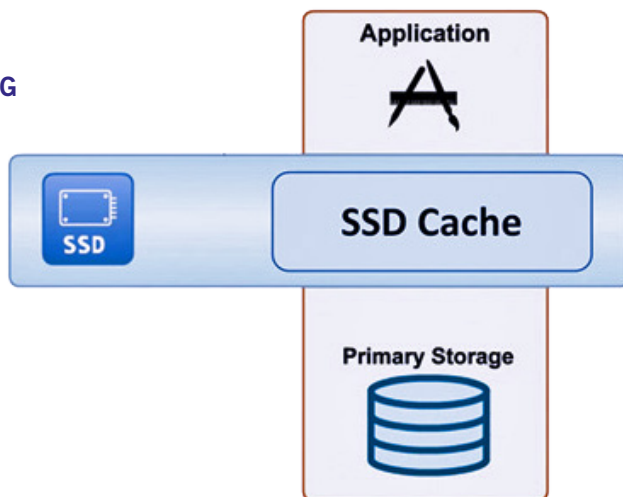
**JetStor SAS 716iS 10G V2**

Adding storage capacity is now as simple as plugging a cable into an available port on an Ethernet switch. Brand new JetStor SAS Model 716iS 10G V2 16 bay RAID array delivers reliable data protection combined with the ease of use and compatibility advantage of iSCSI to support your organization storage requirements. No infrastructure upgrades are needed - iSCSI JetStor will provide block-level storage across your existing network. Two 10Gb/s iSCSI and Two 1Gb/s iSCSI ports provide enough bandwidth to satisfy modern-day server demands.

### HIGHLY AVAILABLE DESIGN

The JetStor SAS 716iS 10G 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 hot-swappable controller provides system tolerance of any component failure. A 2nd controller can be added at a later time, if needed. SNMP or SMTP email notifications of all system events enables proactive maintenance.

### SSD CACHING

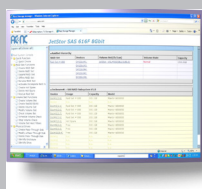


### FEATURES

- Two 10Gb/s iSCSI and Two 1Gb/s iSCSI port connections to support your most demanding applications.
- **SSD Caching - New!**
- RAID Manager browser based GUI management and monitoring software allows you to remotely configure and manage all JetStor systems with e-mail event notification.
- High data bandwidth of system architecture by powerful Intel 64-bit RAID processor.
- 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 716iS 10G V2

## HIGH PERFORMANCE RAID SYSTEM

iSCSI  
6G SAS



<b>Model</b>	<b>JetStor SAS 716iS 10G V2</b>
Host Ports	Two 10Gb/s iSCSI and Two 1Gb/s iSCSI
Disk Interface	6Gb/s SAS/SATA, 12Gb/s SAS
6Gb/s SAS Expansion Ports	One (SFF-8088)
Drives (unit / expansion)	16, 2.5" / 3.5"/Up to 256
Processor type	Intel S1200 Series
Cache memory	4GB(default)-8GB(optional)/DDR3-800 ECC REG SDRAM
Battery backup	Optional
SMTP manager and SNMP agent	Yes
<b>Enclosure</b>	
Disk status indicators	Access / Fail LED
Single Backplane	6Gb SAS / SATA Cableless
PS/Fan modules	Two 460W w/PFC
Turbo Fans	Two
Power	90V-264V, 47Hz-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	22(L) x 19(W) x 5.25(H) in
Weight (w/out disks)	19 Kg / 42 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"	480GB, 600GB, 800GB, 1TB and 2TB

## RAID FEATURES

- RAID Levels 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60 and JBOD
- Global & dedicated hot spares
- Simultaneous online expansion and RAID migration
- Drive roaming
- Fast rebuild
- Variable stripe size
- E-mail notification
- Online capacity/volume set expansion
- RAID 6 capability provides the highest level of data protection
- RAID level/stripe size migration
- Online array roaming/consistency check
- Instant availability and background initialization
- S.M.A.R.T., NCQ and OOB support
- Local N-way mirror: Extension to RAID 1 level, N copies of the disk

## MANUFACTURER



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

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GSA Schedule: GS-35F-0694J  
CMAS: 3-00-70-1230A

## SYSTEM FEATURES

- Menu driven front LCD display
- Innovative modular architecture
- Supports Microsoft Multipath I/O (MPIO), MC/S
- Volume sets greater than 2TB (64-bit LBA support)
- Supports port trunking, 802.3ad Link Aggregation Control Protocol (LACP) with VLAN
- Supports Microsoft Windows VSS
- Snapshot rollback mechanism auto repair of all RAID sets
- Write-through or write-back cache policy for different application usage
- Supports iSCSI jumbo frame
- 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
- Supports manual or scheduling volume snapshot (up to 64)
- Supports iSCSI jumbo frame
- High efficiency power supply compliant with 80plus
- Supports Snapshot, Volume cloning, Replication, Thin Provision
- Real time clock support