

# JetStor®

Storage. Solutions. Support.

SAS / SSD

3U

16 BAY

## JetStor SAS 716iSD 10G

HIGH PERFORMANCE RAID SYSTEM

SSD  
Caching



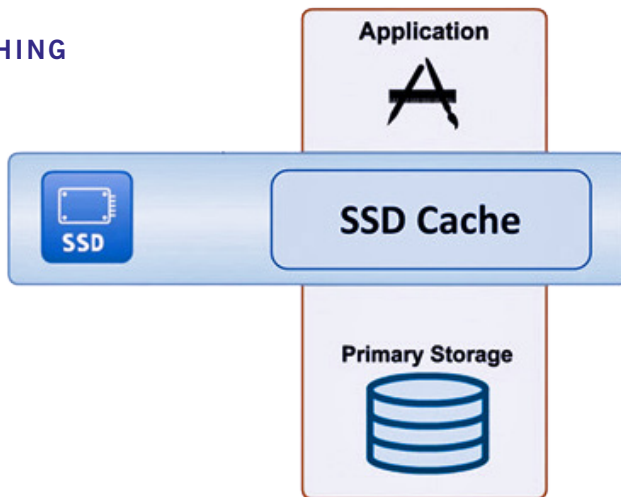
JetStor SAS 716iSD 10G

Adding storage capacity is now as simple as plugging a cable into an available port on an Ethernet switch. Brand new JetStor SAS Model 716iSD 10G 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 per controller provide enough bandwidth to satisfy modern-day server demands.

### HIGHLY AVAILABLE DESIGN

The JetStor SAS 716iSD 10G 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. SNMP or SMTP email notifications of all system events enables proactive maintenance.

### SSD CACHING

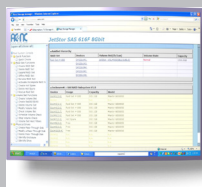


### FEATURES

- Two 10Gb/s iSCSI and Two 1Gb/s iSCSI port connections per redundant controller 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.
- 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



# JetStor<sup>®</sup>

Storage. Solutions. Support.

## SPECIFICATIONS

# JetStor SAS 716iSD 10G

## HIGH PERFORMANCE RAID SYSTEM

### iSCSI 6G SAS



Model	JetStor SAS 716iSD 10G
Host Ports	Two 10Gb/s iSCSI and Two 1Gb/s iSCSI per redundant controller
Disk Interface	6Gb/s SAS
6Gb/s SAS Expansion Ports	One (SFF-8088) per redundant controller
Drives (unit / expansion)	16, 3.5"/Up to 80
Processor type	Intel Xeon 64-bit RAID processor
Cache memory	4GB(default)-8GB(optional)/DDR3-800 ECC REG SDRAM
Battery backup	Optional
SMTP manager and SNMP agent	Yes
Enclosure	
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
Environmental	
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)	20.5 Kg / 45 Lbs
Compatibility	
Operating Systems	VMWare ESX Server, vSphere, Windows Server 2008, XenServer, Oracle/Solaris, Linux, MAC OS X
SAS Drives 3.5"	300GB, 450GB, 600GB, 1TB, 2TB, 3TB, 4TB and 6TB
SAS Drives 2.5"	300GB, 450GB, 600GB and 900GB
SSD Drives 2.5"	240GB, 300GB, 480GB, 600GB and 800GB - requires MUX adapters

## RAID FEATURES

- RAID Levels 0, 1, 0+1, 3, 5, 6, 10, 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
- Fast 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

## 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

## MANUFACTURER



[www.raid.com](http://www.raid.com)  
[sales@acnc.com](mailto: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: 800.213.2667  
 Europe: +44 (0)1628 891616  
 GSA Schedule: GS-35F-0694J  
 CMAS: 3-00-70-1230A