

# JetStor®

Storage. Solutions. Support.

SAS / SATA

4U

24 BAY

## JetStor SAS 724HS 1G/10G Series

10G/1G HYBRID STORAGE SYSTEMS

**SSD  
Caching**



JetStor SAS 724HS 10G



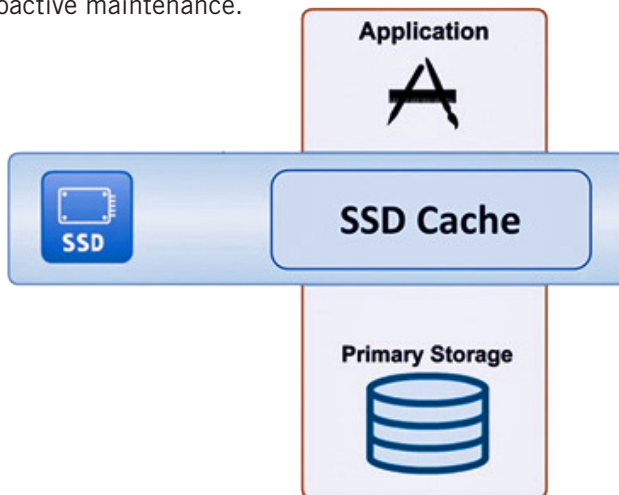
JetStor SAS 724HSD 10G

The JetStor SAS 724HS 1G/10G Series of RAID systems deliver Hybrid Storage performance through 2x 10GbE iSCSI and 2x 1GbE iSCSI host port connections per controller 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 724HS 10G RAID systems accelerate databases, file servers, production applications, imaging, and any application demanding the instantaneous delivery of records, small and large files.

### HIGHLY AVAILABLE DESIGN

JetStor SAS 724HS 10G RAID systems feature 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.

### SSD CACHING

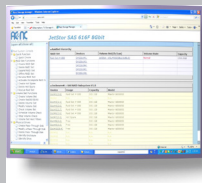


### FEATURES

- Hybrid Storage performance through Two 10Gb/s iSCSI and Two 1Gb/s iSCSI host 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.
- 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 724HS 1G/10G Series 10G/1G HYBRID STORAGE SYSTEMS

10G/1G iSCSI

Host Channels!



Model	JetStor SAS 724HS 10G	JetStor SAS 724HSD 10G
10GbE iSCSI Host Interfaces	Two	Two per redundant controller
1GbE iSCSI ports Host Interfaces	Two	Two per redundant controller
Disk Interface	6Gb/s SAS /SATA	6Gb/s SAS
6Gb/s SAS Expansion Ports	One	Two
Drives (unit / expansion)	24, /Up to 192	24, /Up to 192
Processor type	Intel® Xeon® LC3528	Intel® Xeon® LC3528
Cache memory	4GB(default)-8GB(optional)/DDR3 ECC DRAM	4GB(default)-8GB(optional)/DDR3 ECC DRAM
Battery backup	Optional	Optional
Management / Monitor port support	Yes	Yes
SMTP manager and SNMP agent	Yes	Yes
<b>Enclosure</b>		
Tray lock	Yes	Yes
Disk status indicators	Access / Fail LED	Access / Fail LED
Single Backplane	SAS / SATA2 Cableless	SAS / SATA2 Cableless
PS/Fan modules	Three 500W w/PFC	Three 500W w/PFC
Turbo Fans	Two	Two
Power 100V-240V	7A - 4A	7A - 4A
<b>Environmental</b>		
Relative Humidity	5% - 95% Non-condensing	5% - 95% Non-condensing
Operating Temperature	32°F - 104°F (0°C ~ 40°C)	32°F - 104°F (0°C ~ 40°C)
Physical Dimensions (W x D x H)	19"x17"x7" (4U)	19"x17"x7" (4U)
Weight (Without drives)	90 lbs (41 Kg)	90 lbs (41 Kg)
<b>Compatibility</b>		
Operating Systems	Windows, Linux, Solaris, Mac, VMWare, Hyper-V, Citrix and others to be announced	
SAS Drives 3.5"	600GB, 1TB, 2TB, 3TB, 4TB, 6TB, 8TB	600GB, 1TB, 2TB, 3TB, 4TB, 6TB, 8TB
SATA Drives 3.5"	1TB, 2TB, 3TB, 4TB, 6TB, 8TB	
SAS Drives 2.5"	450GB, 600GB, 900GB, 1.2TB, 1.8TB	450GB, 600GB, 900GB, 1.2TB, 1.8TB
SSD 2.5"	480GB, 600GB, 800GB, 1TB, 2TB	480GB, 600GB, 800GB, 1TB, 2TB

## RAID FEATURES

- RAID level 0,1,0+1,3,5,6,10, 30,50,60, JBOD, N-way mirror
- Up to 128 host support
- VLAN Support
- Up to 4096 logical volumes
- 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

## MANUFACTURER



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

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 Europe: +44 (0)1628 891616  
 GSA Schedule: GS-35F-0694J  
 CMAS: 3-00-70-1230A

## SYSTEM FEATURES

- Green Auto disk spin down
- 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)
- Supports Windows 4KB/sector, up to 72TB 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)
- 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
- Disk drives greater than 2TB