

JetStor[®]

Storage. Solutions. Support.

SATA / SSD

2U

12 BAY

JetStor SAS 712U

UNIFIED STORAGE RAID SYSTEM

NAS
+
SAN
+
Cloud
All in One!



JetStor SAS 712U

The SAS 712U is JetStor's first unified storage system that integrates NAS and SAN into one chassis. The unified storage system can provide both file-level data access and block-level data access at the same time. Users can enjoy the benefits of consolidating data network and storage network together. The JetStor SAS 712U Storage Appliance offers small and mid-sized companies a reliable, easy to use, cost-effective and yet powerful NAS system, and is designed to provide shared storage to both clients and servers in VMware, Windows, UNIX, Apple Macintosh, Novell or mixed environments.

HIGHLY AVAILABLE DESIGN

Engineered to meet stringent demands for continuous availability, JetStor SAS 712U features cableless design and 6x 1Gb Ethernet ports using iSCSI or NFS/CIFS protocol host connections, all encompassed in a small 2U enclosure. The JetStor SAS 712U offers iSCSI target (IP SAN) for remote servers to backup and share data.

NAS + SAN + CLOUD ALL IN ONE



FEATURES

- Features 6 x 1Gb Ethernet using iSCSI or NFS/CIFS protocol host connections to support your most demanding applications.
- ZFS-based File System to Offer High Reliability
- 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
sales@acnc.com
800.213.2667



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SPECIFICATIONS

JetStor SAS 712U UNIFIED STORAGE RAID SYSTEM

NAS+SAN+Cloud
All in One!



Model	JetStor SAS 712U
Host Interfaces	6x 1Gb Ethernet ports using iSCSI or NFS/CIFS protocols
Disk Interface	SATA II / SSD
Drives (unit)	12, 3.5" / 2.5"
Processor type	Intel® Core™ i3
Cache memory	8GB(default)-16GB(optional) DDR3 ECC
Battery backup	Optional
Management / Monitor port support	Yes
SMTP manager and SNMP agent	Yes
Enclosure	
Tray lock	Yes
Disk status indicators	Access / Fail LED
Single Backplane	SATA II Cableless
PS/Fan modules	Two 500W w/PFC
Turbo Fans	One
Power 100V-240V, full range	7A - 4A
Environmental	
Relative Humidity	5% - 95% Non-condensing
Operating Temperature	32°F - 104°F (0°C ~ 40°C)
Physical Dimensions (W x D x H)	19" x 22" x 3.5"
Weight (Without drives)	40 lbs (18 kg)
Compatibility	
O.S. support	VMware; Citrix; Hyper-V; Windows; Redhat Linux 5/6 or later; Solaris; Mac OS X
SATA Drives	3.5": 1TB, 2TB, 3TB, 4TB and 6TB
SSD Drives	2.5": 100GB, 200GB, 300GB, 480GB and 960GB

RAID FEATURES

- Up to 4096 file-based volumes
- Up to 4096 block-based volumes
- ZFS File System
- SSD caching
- Thin provisioning
- Compression
- UnifiedAUTH
- 3-year McAfee anti-virus
- Microsoft Active Directory
- LDAP
- Snapshot
- Clone for volume and file system
- Remote replication
- Amazon S3 Cloud backup
- Antivirus (ICAP)
- Instant availability and background initialization
- Auto disk spin down
- Advanced cooling mechanism
- 80 PLUS energy-efficient power supplies

MANUFACTURER



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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