JetStor®

Storage. Solutions. Support.

JetStor SAS 764F V2

HIGH PERFORMANCE RAID SYSTEM

8Gb FC-AL

JetStor SAS 764F V2

The JetStor 764F V2 is a high density storage product built for huge data storage applications, data center or cloud computing. The JetStor 764F V2 comes with the latest 8Gb/s Fibre or SAS 6Gb/s channel to host servers and embedded 64 storage bays providing up to 512TB in a single 4U chassis. Engineered to meet stringent demands for continuous availability, JetStor SAS 764F V2 RAID array spotlights a brand-new LSI 800 MHz Dual Core RAID-On-Chip Storage Processor for blazingly fast parity calculation and I/O operations.

HIGHLY AVAILABLE DESIGN

The JetStor SAS 764F 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-redundant active/active array controllers provide system tolerance of any component failure. SNMP or SMTP email notifications of all system events enables proactive maintenance.

CUSTOMER TESTIMONIAL

"The ACNC JetStor units are rock solid. We have been very impressed with the performance and reliability. The feature to add 4 drives in place of the iSCSI controller in the high density fiber channel unit is very handy. The setup and install was very simple with the ACNC install video. The engineering team at ACNC helped us design the best configuration for the units in our environment. I recommend them to anyone! We have been very happy. "

~ System Architect, USGS

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.acnc.com
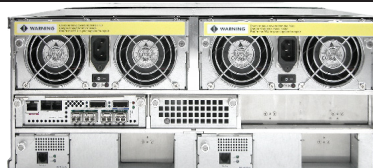**sales@acnc.com**
800.213.2667

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8Gb FC-AL

Model	JetStor SAS 764F V2
Host Ports	Four 8Gb/s FC-AL
Disk Interface	6Gb/s SAS/SATA, 12Gb/s SAS
6Gb/s SAS2 Expansion Ports	Two
Drives (unit)	64, 2.5" / 3.5"
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
Enclosure	
Disk status indicators	Access / Fail LED
Single Backplane	SAS2 / SATA3 Cableless
PS/Fan modules	Two 1100W w/PFC
Turbo Fans	Fifteen
Power	90V-264V, 24Hz-63Hz full range; 10A - 5A
Environmental	
Relative Humidity	10% ~ 85% Non-condensing
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Physical Dimension	35(L) x 19(W) x 7(H) in
Weight (w/out disks)	46 Kg / 101 Lbs
Compatability	
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, 1,10(1E), 3, 5, 6, 30, 50, 60
- 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

AC&NC

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