JetStor®
Storage. Solutions. Support.

JetStor 826FXD
ALL FLASH FC SAN STORAGE

Over 300K IOPS!

LOWEST PER GB COST ON THE MARKET - BEST PRICE PERFORMANCE RATIO

The JetStor 826FXD high performance All Flash 26-bay FC SAN storage system features two Dual-Active (Active/Active) controllers, Intel's latest D1500 processor, cutting edge 12Gb SAS 3.0 technology, onboard high speed 10GbE LAN ports and the latest JetStor SANOS 4.0 (SAN Storage Management Operating System v4.0).

JetStor 826FXD FC SAN storage system offers next-generation storage with blazing fast CPU power, DDR4 system memory, mind blowing performance, high availability, uparalleled scalability, suitable for enterprise level and SMB storage requirements. The JetStor FX series was designed to be an ideal solution for enterprise, cloud data centers, and remote branch office (ROBO) deployments.

DUAL-ACTIVE (ACTIVE/ACTIVE) CONTROLLER SAN SYSTEM

JetStor FX series features a Dual-Active controller architecture, both controllers concurrently provide storage services in real time. Active-Active architecture doubles the available host bandwith and cache hit ratio, ensuring maximum utilization of system resources and maximized throughput. If one controller fails, the other controller can transparently take over all storage services seamlessly. In addition to storage services, management service can be transparently passes to the secondary controller.
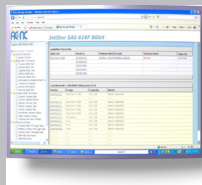
"Our JetStor all-flash storage solution has provided a dramatic increase in server performance, and any lagging due to disk-queuing has completely disappeared. You also get reporting of server metrics in addition to bandwidth usage which assists in troubleshoot and capacity planning." ~ Dan C., Director of IT, NEXT Web Solutions

FEATURES

- Dual-Active (Active/Active) controllers
- Up to 300K IOPS
- Built-in 10GbE iSCSI
- 5th-gen Intel D1500 Quad core processor, up to 64GB RAM per controller
- Thin Provisioning, Snapshot, Cache Mirroring through NTB Bus
- Optional flexible I/O host card - 16G Fibre Channel
- Local clone and remote replication for disaster recovery
- Virtualization support for VMware VAAI, Microsoft Hyper-V ODX, and Citrix
- Cache-to-Flash memory protection technology
- Scale up solution supports over 4.4PB of raw storage capacity
- Free telephone & email support.

WARRANTY

- Three to five years on disk drives, one year on BBM, five years on all other components.
- Optional advanced replacement program ships drive replacements within 24 hours. Optional on-site service also available.

SANOS 4.0
Proactively manage, configure & monitor all JetStor storage systems from any browser.

www.acnc.com
sales@acnc.com
800.213.2667

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Model	JetStor SAS 826FXD
RAID Controller	Dual-active
Host Connectivity (per controller)	Host Card Slot 1 (optional) : 4 x 16Gb FC (SFP+) ports
	Built-in 2 x 10GBASE-T iSCSI (RJ45) ports Built-in 1 x 1GbE management port
Processor	Intel® D1500 family 4-core processor
Memory (per controller)	DDR4 ECC 8GB, up to 64GB
Disk Drives	Native 12Gb SAS backplane 2.5" SAS: 1.2TB, 1.8TB; 2.5" SATA SSD: 2TB, 4TB; 2.5" SAS SSD: 800GB, 1.6TB, 3.2TB SAS
Expansion Connectivity (per controller)	2 x mini-SAS HD (SFF-8644) ports onboard
Expansion Enclosure	JX JBOD series 12Gb SAS expansion enclosure / 826JXD (SFF 26bay)
Max. # of drives	446
Form Factor	2U 26-bay
Dimension (H x W x D)	19" Rackmount 3.5 x 17 x 19 in
LCM	USB LCM (optional)
Memory Protection	Cache-to-Flash module (optional) Super capacitor module + Flash module : Protect up to 16GB memory
Power Supply	80 PLUS Platinum, two redundant 770W (1+1)
	AC Input: 100 - 127V 10A, 50-60Hz 200 - 240V 5A, 50-60Hz DC Output: +12V 63.4A +5VSB 2.0A
Fan Module	2 x hot pluggable/redundant fan modules
Temperature	Operating temperature : 0 to 40°C / Shipping temperature : -10°C to 50°C
Relative Humidity	Operating: 20% to 80% non-condensing / Non-Operating: 10% to 90%
Supported Host Operating Systems	VMware, Citrix, Hyper-V, KVM, Windows Server 2008, 2008 R2, 2012, 2012 R2, 2016; SLES (SUSE Linux Enterprise Server) 10, 11, 12; Red Hat Enterprise Linux 5, 6, 7; CentOS 6, 7; Solaris 10, 11; Free BSD 9, 10; Mac OS 10.11 or greater

FEATURES

- RAID level 0 ,1 ,0+1 ,3 ,5 ,6 ,10 ,30 ,50, 60, and N-way mirror
- Flexible storage pool ownership
- Thin Provisioning (QThin) with space reclamation
- Global, local, & dedicated hot spares
- Write-through & write-back cache policy
- Online disk roaming
- Support RAID member disks across enclosure boundary
- Background I/O priority setting
- Instant RAID volume availability
- Fast RAID rebuild
- Online storage pool expansion
- Online volume extension / migration
- Auto volume rebuilding
- Instant volume restoration
- Online RAID level migration
- Support video editing mode for enhanced performance
- Support disk drive health check & S.M.A.R.T attributes
- Storage pool parity check and media scan for disk scrubbing
- Local Clone

SYSTEM FEATURES

- All Flash FC SAN storage system with Dual-Active(Active/Active) controller
- High availability design with no single point of failure
- 5th generation Intel® D1500, Quad core processor,up to 64GB RAM per controller
- Latest 12Gb SAS 3.0 technology
- Built-in 10GbE iSCSI
- Over 300K IOPS
- Scale up solution supports over 4.4PB of raw storage capacity
- Advanced Storage Management- Thin Provisioning-Snapshot-Cache Mirroring through NTB Bus
- Optional Flexible I/O host card 16G Fibre Channel SAN
- Local clone and remote replication for disaster recovery
- Virtualization support for VMware VAAI, Microsoft Hyper-V ODX, and Citrix
- Cache-to-Flash memory protection technology
- Remote Replication
- JetStor SANOS (SAN Operating System) v4.0

MANUFACTURER

AC&NC

www.acnc.com
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
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