

Solution Brief

Make Networked Storage Ultra-Fast, Scalable, and Economical with JetStor[®] & Mellanox

Support Applications with Blistering Speeds & Affordable Storage that Scales to Petabytes

Enterprises can meet their most rigorous storage needs cost-efficiently with AC&NC's JetStor 826FXD All Flash Array and Mellanox's industry-leading switches and Ethernet adapters. This package bundles a platform with the lowest cost per gigabyte of any all-flash storage and networking connectivity fully equal to the system's lightning-fast performance. It delivers the best price/performance ratio of any networked all-flash array on the market.

Powerful enough for enterprise data centers and clouds, yet affordable and practical for SMBs and ROBOs, the JetStor/Mellanox solution is ideal for transactional processing and other business application needs such as: big data, HPC, and Hadoop applications; Oracle and SQL databases; Web 2.0; virtualization and VDI; media content; medical imaging; CCTV; and backups and archiving.

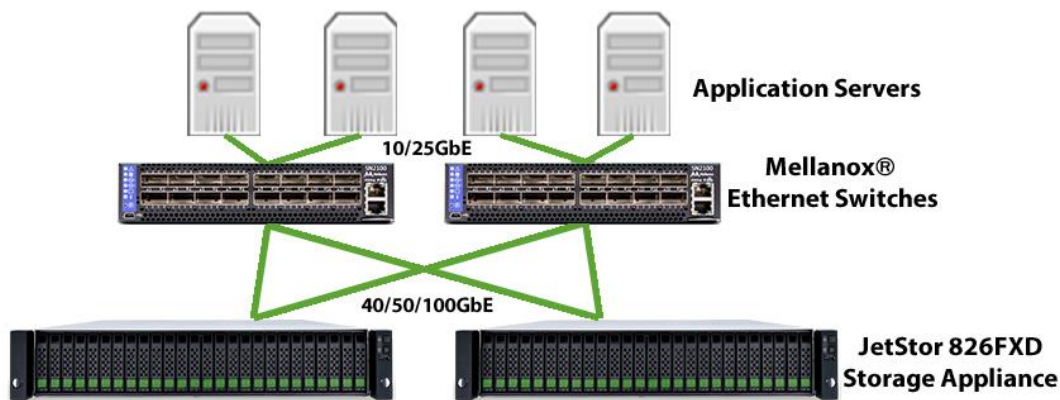
Storage



The 2U, 26-bay JetStor 826FXD RAID array delivers up to 250K IOPS and scales to over 4.4 petabytes. It features Intel's newest 5th-generation D1500 Quad core processors, DDR4 system memory, the latest 12Gb SAS 3.0 technology, and onboard high speed 10GbE LAN ports. Its dual active controllers double the available host bandwidth and cache hit ratio, maximizing the utilization of system resources and throughput. If one controller fails, the other controller transparently takes over. Critical components are fully redundant, eliminating any single point of failure, and hot pluggable.

Networking

With its switches and network interface cards (NICs) setting performance benchmarks, Mellanox provides highly-efficient network connectivity for today's data center applications. Its Open Ethernet Spectrum family of 1U switches range from 16 ports to 64 ports and from 1Gb/s speeds to 100Gb/s, offering uncompromised line-rate performance for any environment and business need. With support for 10/25/40/50/56/100 Gb/s transfer rates, world-class Mellanox NICs deliver high bandwidth, industry-leading connectivity and hardware offloads for performance-driven server and storage applications.



- Lowest Cost Per Gb On the Market
- Best Price/Performance Ratio
- Up to 250K IOPS
- Scalable to over 4.4PB of capacity
- Industry-leading networking performance
- Ideal for enterprise data centers, clouds, SMBs & ROBOs

Networked storage with industry-leading performance, scalability & economy

About AC&NC

Offering storage solutions for over 20 years, Advanced Computer & Network Corporation designs, manufactures, and markets high-performance, competitively-priced RAID/Hybrid Flash/All Flash Array storage systems. AC&NC's 4000 customers globally include the world's largest manufacturers, financial services firms, Internet companies, telecommunications and healthcare providers, educational institutions, government agencies, and the military. For more information, visit www.acnc.com or email sales@acnc.com.

About Mellanox

Mellanox Technologies is a leading supplier of end-to-end Ethernet interconnect solutions and services for enterprise data centers, Web 2.0, cloud, storage, and financial services. For more information, visit www.mellanox.com.