

For Immediate Release**AC&NC INTRODUCES ZFS-BASED JETSTOR® 712U UNIFIED STORAGE SYSTEMS FOR THE NAS AND SAN NEEDS OF SMALL AND MID-SIZED FIRMS**

Platforms Combine File and Block Level Storage with Solid State Caching and the ZFS File System to Deliver New Levels of Performance, Reliability, & Economy

Pittsburgh, PA, April XX, 2013. AC&NC, a provider of leading RAID storage solutions, today introduced the new JetStor 712U suite of ZFS-based unified storage systems to meet the growing demands by small and medium-sized businesses (SMBs) for dependable, function-rich, high-speed storage. The platforms can simultaneously serve as both network-attached storage (NAS) and iSCSI storage area networks (SANs), providing unsurpassed flexibility in a compact 2U chassis. They merge the blazing read/write speeds of solid-state caches with up to 48 terabytes of storage using economical SAS or SATA drives, thus meeting needs from long-term archiving to ultra-fast application delivery.

The 12-bay JetStor platforms optimize capacity and reduce storage costs with real-time data compression, thin provisioning to improve storage utilization, and efficient, inline, block-level data deduplication, which occurs in the cache for greater performance. They serve both clients and servers in VMware, Windows, UNIX, Apple Macintosh, Novell or mixed environments, and further consolidate storage by supporting multiple protocols (Windows CIFS, NFS, AFP, FTP, WebDAV, iSCSI), avoiding the need for separate servers for each deployed protocol.

ZFS, a public-domain file system developed by Sun Microsystems, simplifies storage by storing data in unified virtual storage pools called zpools, eliminating the need for volumes. With ZFS, the JetStor 712U solutions can use solid-state caching to speed read and write operations. Data can be quickly read from the cache using L2ARC (Level 2 Adaptive Replacement Cache) or stored in the cache using ZIL (ZFS intent log) and written later to the slower hard drives. The file system will automatically move frequently accessed data from the hard drives to the SSD disks for faster response times.

ZFS also ensures data integrity with such functionality as snapshots, multiple copies, end-to-end data checksums, and a self-healing architecture that corrects silent data corruption. Moreover, it supports RAIDZ, which preserves data should a hard drive fail even when writing the parity stripe, and RAIDZ2, which protects against two such disk failures.

“With JetStor 712U systems, even small enterprises have fast, secure, and always available storage options,” said Gene Leyzarovich, president of AC&NC. “These high-value solutions simplify both NAS and SAN deployments and target critical business applications like database, email, and video servers, and archiving, replication, and cloud backup.”

Enterprise-Class Storage for SMBs

The 712U platforms are designed to make storage more affordable and manageable. Their intelligent power management enhances energy efficiency and reduces ownership costs by aligning power output to parameters like internal temperatures and fan speed and by spinning down disks that are not in use. To simplify administration, their browser-based RAID Manager management and monitoring software enables staff to easily configure and control all JetStor systems and promptly receive automated notifications via email or SNMP of any events or issues.

The JetStor solutions feature a modular, cableless architecture and offer such advanced data protection as cloning and remote replication. Their support for Unified Authentication technology permits users to simply but securely access the platforms, even with mobile devices, and administrators to easily manage user accounts. To further safeguard data, the systems come with a 3-year license for McAfee anti-virus protection.

Three models are available. The JetStor SAS 712U chassis offers six 1Gb Ethernet ports and the JetStor SAS 712U 10G features two 10Gb and two 1Gb Ethernet ports. Both use Intel® Core™ i3 processors and the JetStor SAS 712U ships with 8GB of default cache memory while the JetStor SAS 712U 10G comes with 16 GB of cache memory. The JetStor SAS 712U 10G+ also has two 10Gb and two 1Gb Ethernet ports, but it features Intel Xeon® E3 processors and 32GB of cache memory for extremely fast storage and application delivery.

The JetStor SAS 712U solutions ship with three-year warranties and are available now.



About AC&NC

Advanced Computer & Network Corporation designs, manufactures and markets high-performance, competitively priced RAID data storage systems. With a wide range of storage solutions for any computing platform and operating system, comprehensive free technical support, and rapid product delivery, AC&NC provides confident data protection to its clients ranging from workgroups to enterprises.

Major customers of AC&NC include the world's largest manufacturers, financial services firms, Internet companies, telecommunications and healthcare providers, educational institutions, government agencies, and the military.

AC&NC is focused on meeting the needs and exceeding the expectations of its worldwide client base. For more information on the JetStor family of RAID systems, please visit <http://www.raid.com>. For more information on JetStor SAS 712U RAID storage solutions, go to:

JetStor SAS 712U: www.acnc.com/p/JetStor_SAS_712U_network-attached-storage

JetStor SAS 712U: 10G: www.acnc.com/p/JetStor_SAS_712U_10G_network-attached-storage_ZFS

JetStor SAS 712U: 10G+: www.acnc.com/p/JetStor_SAS_712U_10G_plus_network-attached-storage_ZFS

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