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Complete Active-Active Redundant Controller 6Gbps SAS, 8Gbps Fibre & iSCSI RAID Storage Array Solutions:

AccuRAID AR316X6R / AR316F8R / AR316IR / AR316ITR

City of Industry, CA – August 17, 2011 – Sans Digital, a leading provider of high performance storage subsystems, is introducing its complete redundant RAID controller storage array solution in the following interfaces: 6G SAS, 8Gbps Fibre Channel, Gigabit & 10Gbps iSCSI Ethernet. Each model comes standard with active-active redundant controllers, hot-swappable power supplies and cooling fan modules designed for high availability IT application, virtualization or storage usage in a high performance computing environment. All units utilize the cable-less backplane and modularized design to ensure the best reliability and stability of the unit. Dedicated powerful RAID processor on each controller also helps to offload CPU utilization from the hosting computer or server's CPU during complex RAID algorithm calculations.

AR316X6R and AR316F8R's innovative design offers dual channel SAS per channel or quad channel 8Gbps Fibre Channel ports per controllers. The AR316X6R and AR316F8R support both 6G SAS (7200RPM, 10K RPM and 15K RPM) and 6G SATA hard drives (Mux board required) and are capable of expanding the total storage capacity by adding up to 6 more JBOD expansion units supporting up to a total of 112 drives or 336TB raw capacity in a single setup. AccuRAID AR316X6R and AR316F8R provide hardware RAID, including RAID 1, 5, 6, 10, 50 and 60 RAID protection against potential hard drives failures. Each controller also provides two channels of SAS or Fibre Channel support, offering high speed interface with ultra fast data transfer rate along with support for clustering application storage fail-over.

AR316IR and AR316ITR, on the other hand are built with eight channels of Gigabit Ethernet or quad channels of 10Gb Ethernet with 802.3ad with LDAP support, allowing bandwidth aggregation to provide high throughput performance from point to point. High availability features such as Windows MPIO and SCSI-3 persistent target for clustering OS application both also come standard. Additionally, the AR316IR and AR316ITR also include Snapshot on the box without any additional software. Windows Volume Shadow Copy Services (VSS) is also supported. Both the AR316IR and AR316ITR offer a peace of mind due to their high quality constructions with cable-less backplane-modularized design with redundant power supplies and cooling fans to ensure a 24x7 operation without downtime.

Supporting Windows, Mac and Linux, all four models come with standard web based GUI interface for local and remote monitoring via web browser. Besides the regular RAID level (RAID 0, 1, 5, 6, 10, 50, 60), all four models support online RAID migration and online RAID expansion. Built-in E-mail notification and event log provide all necessary information for system administrator to monitor and manage the RAID systems via network connections. Virtualization OS including VMware ESX/ESXi, Microsoft Hyper-V and Citrix XenServer are also supported in a Fibre, IP SAN (Storage Area Network) or via Directed Attached Storage using SFF-8088 Mini-SAS interface. All models are designed to be ultra robust with exceptional data transfer speed offering the best return on investment for your IT storage dollar.

"AccuRAID AR316X6R, AR316F8R, AR316IR and AR316ITR are versatile RAID storage products that could be used in a large variety of data storage applications," said Stanley Chan, Director of Business Development of Sans Digital. "Customers could now enjoy the industry-leading performance benefits and versatility of SAS, Fibre Channel, and iSCSI products with RAID protection, plus the ability to upgrade from single controller to dual controllers along with additional data expansion capability." For more information on the AccuRAID redundant series, please visit: http://www.sansdigital.com/accuraid/index.php.

* The use of SATA HDD drive with dual-controller storage model requires mux board for each HDD used.

About Sans Digital
Sans Digital, a leading provider of high performance storage subsystems is devoted to providing the highest quality storage devices with great flexibility, performance, aesthetics and value. Sans Digital offers hot-swappable JBOD and RAID storage products for direct attached storage, network attached storage, and storage area network to customers ranging from SOHO (Small Office, Home Office), SMB (Small, Medium Business) to enterprises worldwide.

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