



FOR IMMEDIATE RELEASE



Nexsan Selects Toshiba SSD Drives to Accelerate Next Generation E5000 NAS Storage with FASTier™

Nexsan E5000 Family Features Toshiba High-Performance Solid State Technology for Fast File Access

THOUSAND OAKS, Calif., August 17, 2011 – Nexsan®, a leading independent provider of disk-based storage systems and Toshiba, a global leader in the development, design and manufacturing of storage solutions, today partnered to boost the performance of Network Attached Storage (NAS) in virtualized operating environments, significantly improving file access. The partnership blends the innovations in Nexsan's E5000 Series NAS Family with advanced solid state drive (SSD) technology from Toshiba.

The inability of traditional NAS solutions to accommodate demanding I/O requirements in today's virtual infrastructure, including VMware, Citrix and Xen, requires a high-performance tier of storage to accelerate throughput. FASTier™ is an exclusive Nexsan feature in the E5000 Series of NAS products which leverages multiple tiers of SSD technology to accelerate storage system performance with nearline-SAS, SATA or SAS drives – ideal for virtualized operating environments and random I/O workloads. To power FASTier, Nexsan has selected Toshiba MKz001GZB Series SLC NAND / SAS SSDs for advantages in performance and reliability.

Engineered to deliver performance, endurance and reliability for business critical applications, Toshiba MK-Series SSDs support the market's demand for high-performance applications. The new 2.5-inch small form factor SSDs utilize the latest 32 nm enterprise-grade SLC NAND Flash memory and 6Gb/s SAS interface. Toshiba delivers performance that outpaces competing enterprise-class SSDs, with random sustained 90,000 read and 16,400 write IOPS* and sequential sustained 500MB/s read and 250MB/s write throughput. Combined with a low power requirement of only 6.5 watts at operation, Toshiba also delivers an industry-leading power efficiency rating of 13,800 IOPS/watt.

"Nexsan and Toshiba have come together to provide up to a 5X increase in NAS file access time as part of an easy-to-use and highly efficient NAS product line," said Victoria Grey, senior vice president, marketing, Nexsan. "This is particularly important to mid-market IT environments with high I/O performance requirements. With solid state technology from Toshiba, FASTier automatically optimizes files to ensure rapid and reliable access to data when needed."

“Enterprises today are looking to solid state drives and tiered storage to optimize their storage environments for increased productivity,” said Joel Hagberg, vice president, marketing, Storage Device Division of Toshiba America Information Systems, Inc. “With the Nexsan E5000 Series NAS systems powered by Toshiba SSDs, IT professionals benefit from improved data access, outperforming traditional storage systems for those applications requiring the highest possible performance.”

The E5000 Family is the latest addition to Nexsan’s Flexible Storage Platform™. It fills the need for NAS storage, complementing the E-Series Fibre Channel and iSCSI block storage systems and the industry-leading CAS-based and highly secure Assureon® archive and cloud storage systems. The E5110 provides a highly available NAS system with 8TB to 62TB of capacity in 3U to 6U of rack space. The E5310 is a 3U high availability NAS head which leverages Nexsan’s industry-leading storage density, power efficiency, and enterprise-class reliability of the E-Series block storage systems to provide 9TB to 720TB of storage in just 19U of rack space. Powerful yet easy to use features include reservation-less snapshots, replication, quotas, AD and LDAP integration, and thin provisioning.

Both the E5110 and E5310 are available today through Nexsan’s network of authorized channel partners, with pricing that starts at \$14, 974 MSRP. For more information please visit: www.nexsan.com

About Nexsan

Nexsan® is a leading independent provider of disk-based storage systems purpose-built and priced for the mid-market, offering industry-leading reliability, space and power efficiency. Nexsan storage systems provide scalability, integrity and security for growing volumes of unstructured data and are ideal for virtual storage, data protection, secure online archiving, bulk and cloud storage applications. Overcoming the challenges of traditional storage, Nexsan delivers a different kind of storage experience with easy-to-use, efficient and enterprise-class solutions that reduce the complexity and cost of storage. Nexsan delivers its storage systems through a select global partner ecosystem of solution providers, OEMs and system integrators. Nexsan is based in Thousand Oaks, Calif. For more information, visit the company’s website at www.nexsan.com.

About Toshiba Storage

Toshiba is a one-of-a-kind global storage company, offering hard disk drives (HDDs), optical disk drives (ODDs), solid state drives (SSDs) and NAND flash memories – technologies that drive a wide range of consumer electronics, computer and automotive applications, as well as enterprise solutions for the global marketplace. Toshiba leads in the development, design and manufacture of mobile, retail and enterprise hard disk drives. In North America, the Storage Device Division of Toshiba markets high-quality storage peripherals to original equipment manufacturers, original design manufacturers, value-added resellers, value-added dealers, systems integrators, distributors and retailers worldwide. Inherent in the Toshiba storage family are the high-quality engineering and manufacturing capabilities that have established Toshiba products as innovation leaders worldwide. For more information, visit www.toshibastorage.com.

About Toshiba America Information Systems Inc. (TAIS)

Headquartered in Irvine, Calif., TAIS is comprised of four business units: Digital Products Division, Imaging Systems Division, Storage Device Division and Telecommunication Systems Division. Together, these divisions provide mobile products and solutions, including industry-leading portable computers; televisions, TV/DVD Combination products, Blu-ray Disc and DVD products and portable devices; imaging products for the security, medical and manufacturing markets; storage products for automotive, computer and consumer electronics applications; and telephony equipment and associated applications.

TAIS provides sales, marketing and services for its wide range of products in the United States and Latin America. TAIS is an independent operating company owned by Toshiba America, Inc., a subsidiary of Toshiba Corporation.

Toshiba is a world leader and innovator in pioneering high technology, a diversified manufacturer and marketer of advanced electronic and electrical products spanning information and communications systems; digital consumer products; electronic devices and components; power systems, including nuclear energy; industrial and social infrastructure systems; and home appliances. Toshiba was founded in 1875, and today operates a global network of more than 740 companies, with 204,000 employees worldwide and annual sales surpassing 6.3 trillion yen (US\$68 billion). For more information on Toshiba leading innovations, visit the company's web site at www.toshiba.com.

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For more information about Nexsan's products and solutions, visit www.nexsan.com

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**Sustained at 4KB random read/write I/O performance.*

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