ATTO Technology's 32Gb Gen 6 Fibre Channel HBAs Power One Stop System's Ion Accelerator Flash Storage Arrays

Higher performance, low latency solution combines the latest Fibre Channel speed with Flash Storage

AMHERST, N.Y., Aug. 08, 2018 (GLOBE NEWSWIRE) -- ATTO Technology, Inc., a global leader of storage, network connectivity and infrastructure solutions for data-intensive computing environments for 30 years, is pleased to announce that One Stop Systems, Inc. (OSS) has introduced an ATTO Celerity™ 32Gb Fibre Channel option for the OSS Ion Accelerator™ 5.0 Flash Storage Array product line. OSS is the leading provider of high performance computing (HPC) GPU accelerators and NVMe flash arrays.

ATTO Celerity 32Gb host bus adapters (HBAs) support 3,200MB/s per channel data throughput, maximizing the number of virtual machines per physical server and delivering unmatched storage performance. An Ion Accelerator 5.0 system can introduce eight 32Gb Fibre Channel ports into a storage area network (SAN) via two ATTO HBAs, eliminating bottlenecks created by input-output, data intensive applications.

Celerity HBAs support up to 2x the number of outstanding commands than competing solutions, allowing sustained maximum performance and enabling users to continue to meet service level agreements. ATTO 32Gb Fibre Channel HBAs also support longer distances of up to 10 km between servers and storage without degrading throughput.

"Upgrading existing OSS Ion Accelerator 5.0 Fibre Channel SANs to 32Gb Gen 6 is a logical choice for maximizing performance," said CEO of ATTO Technology Tim Klein. "Our Fibre Channel products are the go-to storage technology for high-performance enterprise applications and a great match for OSS' industry-leading Flash Storage arrays."

"ATTO designs some of the best, most reliable and fastest Fibre Channel host bus adapters on the market today," said Steve Cooper, CEO of OSS. "In partnership with ATTO, we're excited to offer Ion Accelerator customers the most advanced interconnect technology for accelerating their HPC applications."

Fully redundant, high-availability configurations of the Ion Accelerator using two arrays can support up to sixteen 32Gb channels in an active-active configuration and can reach storage throughput of over 40 GB/s and 8 million IOPS.

Look for ATTO at the Flash Memory Summit August 7-9, in our booth #817 and in the Fibre Channel Industry Association's booth #828 as well. The Ion Accelerator with an ATTO Celerity HBA can be seen at the OSS booth #119.

For more information on ATTO Celerity HBAs, visit ATTO.com.

Customers can order this configuration from OSS sales engineers at sales@onestopsystems.com.

To purchase ATTO products through leading Value Added Resellers, System Integrators and the ATTO Web Store. Learn more:
www.atto.com/howtobuy/

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ABOUT ATTO
For 30 years, ATTO Technology, Inc. has been a global leader across the IT and media & entertainment markets, specializing in storage and network connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works with partners to deliver end-to-end solutions to better store, manage and deliver data. Working as an extension of customer's design teams, ATTO manufactures host and RAID adapters, network adapters, storage controllers, Thunderbolt™ adapters, and software. ATTO solutions provide a high level of connectivity to all storage interfaces, including Fibre Channel, SAS, SATA, iSCSI, Ethernet, NVMe and Thunderbolt. ATTO is the Power Behind the Storage.

About One Stop Systems
One Stop Systems, Inc. (OSS) designs and manufactures high performance compute accelerators, flash storage arrays and customized servers for deep learning, AI, defense, finance and entertainment applications. OSS utilizes the power of PCI Express, the latest GPU accelerators and NVMe flash cards to build award-winning systems, including many industry firsts, for OEMs and government customers. The company's innovative hardware and Ion Accelerator Software offers exceptional performance and unparalleled scalability. OSS products are available directly, through global distributors, or via its SkyScale cloud services. For more information, go to www.onestopsystems.com.

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