

DataON™ First to Exhibit 12Gb/s Cluster-in-a-Box Appliance

Collaborating with Avago, the CiB-9224 to Provide Next Generation High IOPS Performance

Anaheim, CA – August 28, 2014 - DataON Storage, the leading provider of OS-agnostic storage enclosures, today announced it will be demonstrating the next generation Intel platform 12Gb/s Cluster-in-a-Box (CiB) during this year's Intel Developer Forum (IDF) at the Moscone Convention Center in San Francisco, CA, September 9-11 within the Avago® exhibit booth #454. Using Avago 9300 Family 12Gb/s HBA controllers, dual Intel® Xeon® E5-2600 v3 processors in a dual-node CiB-9224 and twenty-four HGST 12Gb/s SAS SSDs, the DataON CiB-9224 offers a throughput increase of over 50% compared to antiquated 6Gb/s flash pure storage systems.

“Avago applauds DataON Storage for advancing the adoption of 12Gb/s SAS with its new Cluster-in-a-Box appliance,” said Jas Tremblay, vice president of marketing, Data Center Solutions Group, at Avago. “The CiB platform provides improved performance and efficiency for cloud and enterprise datacenters by doubling I/O storage performance and alleviating bottlenecks to help manage explosive data demands.”

The CiB family of storage appliances from DataON offers a series of storage building block innovations able to consolidate both server and storage into a single storage platform. Architected with a converged design the CiB-9224 provides VM and file server functions concurrently from the same appliance allowing 50+ virtual machines and up to 48TB of 12Gb/s shared storage.

“We’re pleased that our CiB appliance, in collaboration with Avago and HGST’s 12Gb/s SAS technologies, is a part of the first to demonstrate the next generation Intel platform,” states Trenton R. Baker, vice president business development, DataON Storage. “With the ability to deliver dozens of VMs and over a million IOPS from a tiered storage 2U clustered form factor positions the CiB-9224 to have storage professionals seriously rethink the validity of certain overvalued all-flash pure storage designs.”

With a history of SAS leadership, Avago delivers 12Gb/s SAS host bus adapters and SAS expanders integrated in the CiB-9224 to significantly increase the much needed I/O performance and bandwidth for intensive applications. Coupled with industry leading HGST SAS SSDs and leveraging Windows Server 2012 R2 with clustering technology, the CiB-9224 is primed to deliver unparalleled performance and flexibility with auto-tiering hybrid SSD/HDD storage.

“Microsoft delivers an efficient and economically sound file-based shared storage foundation in Windows Server 2012 R2 with support for 12Gb/s tiered storage,” said Jose Barreto, principal PM manager, cloud and enterprise, at Microsoft. “Utilizing Windows Server 2012 R2 and Storage Spaces technology with the latest Intel Xeon platform, the DataON Cluster-in-a-Box delivers a compelling Wintel high-performance converged storage solution to help lower total cost of ownership and offer continuous uptime.”



The CiB-9224 utilizes energy efficient DDR4 memory, integrated 10Gb Ethernet ports and can scale by adding external JBODs through Avago® DataBolt™ SAS expander technology. This unique architecture eliminates additional hardware costs, minimizes footprint requirements, and simplifies cabling and installation, enabling optimal uptime high availability (HA) and maximizes storage performance for I/O-intensive applications, cloud datacenters and virtualized server environments.

Pricing and Availability

Pricing for a complete 24-bay 12Gb/s HDD/SSD converged storage appliance for concurrent Windows Server 2012 R2 with Hyper-V and file serving starts under \$35,000. The DataON CiB-9224 is currently qualifying for Windows Server 2012 R2 and select Software-Defined Storage partners with availability scheduled for late September 2014.

About DataON

DataON Storage is the leading provider of OS-agnostic storage enclosures. In pioneering clustered storage platforms, DataON delivers resilient, high-performance and scalable solutions tailored for scale-out software-defined storage. DataON developed its flagship product the CiB-9470—a massively dense, high availability cluster-in-a-box platform (CiB) to provide the most storage density in the industry. Petabyte scalability can be swiftly achieved via external SAS JBOD enclosures—4U 60-bay, 4U 24-bay and 2U 24-bay. DataON is the storage division of Area Data Systems, more information can be found at www.DataONstorage.com, call +1 (714)441-8820 or comment via @DataON.