



FOR IMMEDIATE RELEASE

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CIRRASCALE® ANNOUNCES PREMIER DEEP LEARNING 4U RACKMOUNT SERVER SUPPORTING 10 PCIe GEN3 DEVICES WITH SUPPORT FOR NVIDIA TESLA ACCELERATED COMPUTING PLATFORM

The Cirrascale GX8 Series 4U rackmount enables up to 10 PCIe Gen 3.0 devices to peer on a single PCIe root complex with extreme scalability and performance for HPC and deep learning applications.

Austin, TX -- Supercomputing 2015 -- November 17, 2015 -- Cirrascale Corporation®, a premier developer of GPU driven blade and rackmount cloud infrastructure for mobile and Internet applications, today announced the GX8 Series rackmount servers designed around its 96-lane Gen3 PCIe switch-enabled risers. The new rackmount server supports up to 10 PCIe Gen 3.0 devices, including the new NVIDIA® Tesla® M40 GPU accelerators, enabling multi-device peering on a single PCIe root complex and making it a perfect solution for highly parallel applications and libraries like those used for deep learning, data analytics and molecular dynamics such as Torch 7, Theano, Caffe, and AMBER.

“We have been actively working to provide the densest deep learning solutions in our unique rackmount products,” said David Driggers, CEO, Cirrascale Corporation. “Our new GX8 Series rackmount servers tackle this by providing the ability to peer up to 10 PCIe Gen3 compatible devices and maintain those devices on a single root complex for increased performance and scalability.”

By utilizing the Cirrascale SR3615 PCIe 96-lane switch riser, the GX8 Series supports up to eight NVIDIA Tesla M40 GPU accelerators and provides room for additional InfiniBand® or NVMe storage devices while enabling increased bandwidth and lower latencies between PCIe Gen3 devices than are possible in traditional systems. By enabling up to 8 discrete GPUs to communicate directly with each other on the PCI bus, free of the need for host CPU intervention, they can create a “micro-cluster”, sharing a single memory address space. Overall, the Cirrascale GX8 Series is perfectly aligned for various GPU accelerated applications, including those for deep learning, data analytics, and molecular dynamics.

“New to our Tesla Accelerated Computing Platform, the NVIDIA Tesla M40 GPU was designed to help researchers more quickly innovate and design new deep neural networks for next generation machine learning applications,” said Roy Kim, group product manager of Accelerated Computing at NVIDIA. “With support for the Tesla M40, Cirrascale’s innovative GX8 Series system provides data scientist with new levels of performance to tackle their largest big data problems.”

The Cirrascale GX8 Series rackmount servers are immediately available to order and will be shipping in volume in late Q4 2015. Licensing opportunities will also be available immediately to both customers and partners.

About Cirrascale Corporation

Cirrascale Corporation is a premier developer of GPU-driven cloud infrastructure for mobile and Internet applications. Cirrascale leverages its patented Vertical Cooling Technology and proprietary PCIe switch riser technology to provide the industry’s densest rackmount and blade-based peered multi-GPU platforms. The company sells hardware solutions to large-scale infrastructure operators, hosting and cloud service providers, Biotech, and HPC users. Cirrascale also licenses its award winning technology to partners globally. To learn more about Cirrascale and its unique multi-GPU infrastructure solutions, please visit <http://www.cirrascale.com> or call (888) 942-3800.

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