



FOR IMMEDIATE RELEASE

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**CIRRASCALE® ANNOUNCES RACKMOUNT MULTI-DEVICE PEERING PLATFORM
FOR HIGHLY PARALLEL APPLICATIONS**

The Cirrascale RM4600 Series 4U rackmount enable up to four PCIe Gen 3.0 devices to peer on a single PCIe root complex with extreme scalability and performance for highly parallel applications.

San Diego, Calif. -- February 24, 2015 -- Cirrascale Corporation®, a premier developer of build-to-order, open architecture blade-based and rackmount computing infrastructure, today announced the RM4600 Series of rackmount workstations and servers designed around its proprietary 80-lane Gen3 PCIe switch-enabled risers. The new rackmount series supports the recently released Intel® Xeon® processor E5-2600/1600 v3 product families and up to four PCIe Gen 3.0 devices 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, machine learning, and molecular dynamics such as Torch 7, Theano, and AMBER.

“We’re finding a large cross-section of customers that are beginning to discover a whole new set of technical computing challenges and want their highly parallel applications to perform better,” said David Driggers, CEO, Cirrascale Corporation. “Our new RM4600 rackmount products tackle these challenges by providing the ability to scale and peer multiple PCIe devices, maintain those devices on a single root complex for increased performance, and do it with core components that are setting new levels of reliability and performance such as the Intel® Xeon® processor E5-2600/1600 v3 product families.”

The Cirrascale RM4600 implements the new low power, high speed DDR4 memory technology providing increased bandwidth and power efficiency while enabling higher overall memory bandwidth with lower density DIMMs. Additionally, the new systems provide improved performance of various high performance computing, professional imaging and feature detection applications and include next-gen networking improvements, new virtualization and security features. Overall, the Cirrascale RM4600 is perfectly aligned for various scientific, analytics, and engineering applications worldwide, including those for deep learning, machine learning, and molecular dynamics.

“Cirrascale peer to peer technology, like that used in the new RM4600, allows us to unlock the true power of GPUs for scientific computation,” said Ross Walker, Associate Research Professor, San Diego Supercomputing Center. “This is the first platform of its kind and provides the unprecedented bandwidth needed to scale an individual molecular dynamics simulation with AMBER across all the GPUs and devices within a node. This previously unattainable performance will have impact on many fields.”

The Cirrascale RM4600 rackmount workstation and server platforms are immediately available to order and will be shipping in volume in Q2 2015. Licensing opportunities will also be available immediately to both customers and partners.

About Cirrascale Corporation

Cirrascale Corporation is a premier provider of custom rackmount and blade server solutions developed and engineered for today’s conventional data centers. Cirrascale leverages its patented Vertical Cooling Technology, engineering resources, and intellectual property to provide the industry’s most energy-efficient standards-based platforms with the lowest possible total cost of ownership in the densest form factor. Cirrascale sells to large-scale infrastructure operators, hosting and managed services providers, cloud service providers, government, higher education, and HPC users. Cirrascale also licenses its award winning technology to partners globally. To learn more about Cirrascale and its unique data center infrastructure solutions, please visit <http://www.cirrascale.com> or call (888) 942-3800.

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