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CIRRASCALE® ANNOUNCES IMMEDIATE SUPPORT FOR NEW NVIDIA TESLA K40 GPU ACCELERATORS; RELEASES NEXT GENERATION PCIE RISER SWITCH

The Cirrascale GB5400 Blade Server packs eight NVIDIA Tesla K40 GPU accelerators in a 5VU space enabling unsurpassed density, scalability and performance for highly parallel application.

Denver, Colo. -- Supercomputing Conference -- November 18, 2013 -- Cirrascale Corporation®, a premier developer of build-to-order, independent blade-based computing and storage infrastructure for conventional and modular data centers, today announced it will offer the NVIDIA® Tesla® K40 GPU accelerator throughout its GPU-enabled blade server and high-performance workstation product lines. Utilizing a pair of the company's latest proprietary 80-lane Gen3 PCIe switch-enabled risers, the GB5400 supports up to eight discrete NVIDIA Tesla K40 Accelerator cards in a single blade.

"As always, NVIDIA is pushing the performance envelope with its latest GPU accelerator," said David Driggers, CEO, Cirrascale Corporation. "Our customers and licensed partners in HPC are moving rapidly to take advantage of this increased performance, and want to ensure they can scale the solutions they choose. We're confident the Tesla K40 GPU with our latest Gen3 switch-enabled riser meets these needs."

The NVIDIA Tesla K40 GPU accelerator with its 12GB of GPU memory enables a single Cirrascale GB5400 blade server to house up an incredible 96GB of GPU memory, double the memory of the NVIDIA Tesla K20X GPU Accelerator. Additionally, its NVIDIA GPU Boost feature, which converts power headroom into user-controlled performance boosts, maximizes performance in popular applications, such as ANSYS and Amber, and a range of new scientific, engineering, high-performance computing, and enterprise big data analytics applications. The Tesla K40 GPU accelerator is based on the revolutionary NVIDIA Kepler™ compute architecture and powered by NVIDIA CUDA®, the world's most pervasive parallel computing model.

Extending the capabilities of these accelerators, Cirrascale's next generation proprietary riser enables increased bandwidth and lower latencies between Gen3 GPU accelerators than are possible in traditional systems. By enabling multiple GPU accelerators to communicate on their own PCI bus, free of the need for host CPU intervention, they can be clustered into a "micro-cluster", sharing a single memory address space. When placed in the Cirrascale BladeRack® 2 XL platform, the solution scales to provide over 1.1TB of GPU memory and 134 Teraflops of double precision processing power in one rack making it one of the densest high performance computing and GPU-accelerated cloud computing solutions available.

"HPC and supercomputing customers worldwide will benefit from Cirrascale servers using our latest GPU accelerator technologies," said Sumit Gupta, general manager of Tesla Accelerated Computing Products at NVIDIA. "The Cirrascale GB5400 blade server provides customers with new levels of performance and scalability for their most challenging computational workloads."

The Cirrascale GB5400 blade server and high-performance workstation product lines supporting the NVIDIA Tesla K40 GPU accelerators --- as well as the Cirrascale proprietary PCIe switch-enabled riser --- are immediately available to order and are shipping to customers now. Licensing opportunities for these technologies are also available immediately to both customers and partners.

About Cirrascale Corporation

Cirrascale Corporation is a premier provider of blade-based cloud computing and storage infrastructure for conventional and modular data centers. Cirrascale leverages its patented Vertical Cooling Technology™ 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, 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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