Cirrascale and AppliedMicro Introduce Next Generation Platform based on X-Gene® Technology for High Performance Computing Environments

X-Gene Processors Combined with NVIDIA's and Mellanox's Next Generation Technology Enable New Levels of Power Efficiency and Performance

SUNNYVALE, Calif. (GLOBE NEWSWIRE) July 13, 2015 – Applied Micro Circuits Corporation (Nasdaq:AMCC), a global leader in computing and connectivity solutions, and Cirrascale Corporation®, a premier developer of build-to-order, open architecture blade-based and rackmount computing infrastructure, today announced the RM2916 High Performance Computing (HPC) Platform. The platform is based on AppliedMicro's award-winning X-Gene® 64-bit ARM processor, the industry's only production 64-bit ARM server processor, an upgraded NVIDIA Telsa® K40 GPU and the high speed Mellanox ConnectX®-3 56Gbps Infiniband adapter.

"The RM2916 HPC Platform is the ideal solution to deploy AppliedMicro's X-Gene processor architecture in production-ready high performance computing and enterprise data analytics environments," said Chris Piecukonis, vice president of sales and marketing at Cirrascale Corporation. "The NVIDIA Telsa K40 GPU Accelerator and ConnectX-3 Infiniband solutions deliver significant upgrades in both performance and power efficiency while maintaining low total cost of ownership (TCO)."

The RM2916 HPC platform features the NVIDIA Telsa K40 GPU compute engine, a high performance Mellanox ConnectX-3 56 Gbps Infiniband adaptor, and the performance and power-efficiency of the X-Gene 64-bit ARM processor. Combined, these features deliver not only high performance, but low TCO for High Performance Computing and enterprise applications.

"The combination of the power-efficient X-Gene processor and a high performance GPU compute engine, with a robust Linux-based software environment is very well suited for a range of scale-out computing deployments," said John Williams, vice president of marketing at AppliedMicro. "The RM2916 platform enables best-in-class performance per Watt for high throughput HPC and data analytics applications with very low TCO."

"The RM2916 HPC Platform's combination of best-in-class technologies ensures high performance and maximum return-on-investment for global customers," said Gilad Shainer, vice president of marketing at Mellanox Technologies.

About AppliedMicro
Applied Micro Circuits Corporation (NASDAQ: AMCC) is a global leader in computing and connectivity solutions for next-generation cloud infrastructure and data centers.

applied micro

AppliedMicro delivers silicon solutions that dramatically lower total cost of ownership. Corporate headquarters are located in Sunnyvale, California. www.apm.com.

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.

Media Contacts:
Mike Major
Applied Micro Circuits Corporation
Phone: (408) 542-8831
mmajor@apm.com

Jennifer Grabowski
Racepoint Global for Applied Micro Circuits Corporation
Phone: +1-617-624-3231
APM@racepointglobal.com