November 13, 2014

Supermicro® World Record Benchmarks for Low Latency and Financial Computation Announced at STAC Summit

New Hyper-Speed Ultra and High Density Parallel Processing Systems Achieve World Records for STAC-N1 and STAC-A2 Financial Services Technology Benchmarks

NEW YORK, Nov. 13, 2014 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server, storage technology and green computing debuts the latest extreme performance 3rd Generation Hyper-Speed platform based on Supermicro's new Ultra architecture along with a new high density Intel® Xeon Phi™ coprocessor based 1U SuperServer® at the STAC Summit in New York this week.

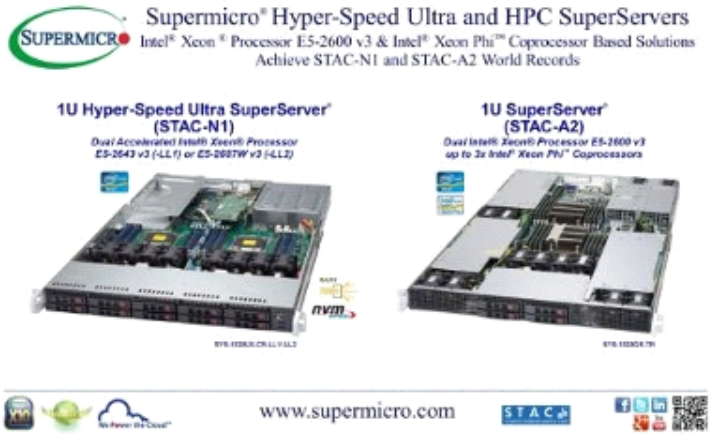
The 1U SYS-1028UX-CR-LL1 Hyper-Speed Ultra SuperServer® is fine-tuned for low latency/high frequency trading applications and features enterprise-class hardware acceleration, dual Intel® Xeon® processor E5-2643 v3, I/O flexibility to support multiple full-size NICs and optional co-processor cards. In independent tests by the Securities Technology Analysis Center (STAC®), this solution achieved the world record results for mean latency, max latency and jitter at baseline message rates in a public STAC-N1™ benchmark. The STAC Report™ of these benchmark results is available at www.STACresearch.com/SFC141110. Access a white paper on Supermicro's Hyper-Speed solutions at www.supermicro.com/Hyper-Speed_WP.

The 1U high density form factor SYS-1028GR-TR is optimized for high performance computing applications with support for up to 3x Intel® Xeon Phi™ coprocessors. It has achieved world record STAC-A2™ benchmark results on a Windows platform, showing the solution's ability to accelerate computation time for financial risk calculations. The STAC Report™ of these benchmark results is available at www.STACresearch.com/INTC141023.

"Supermicro Hyper-Speed Ultra and Intel Xeon Phi coprocessor based SuperServers are fine tuned to achieve the highest performance in their class and the STAC-N1, STAC-A2 world record benchmarks are independent results that prove our system expertise," said Charles Liang, President and CEO of Supermicro. "For applications in need of lowest-latency or highest density for parallel processing, our Green Computing Intel Xeon E5-2600 v3 based servers are exactly optimized to maximize performance with highest energy efficiency."

"The Supermicro and Intel collaboration has set a new industry standard for performance on the STAC-N1 and STAC-A2 benchmarks using an optimized, dense form factor high performance computing solution based on Intel® Xeon® E5-2600 v3 family processors and Intel® Xeon Phi™ coprocessors," said Hugo Saleh, director of Marketing and Industry Development, Intel Technical Computing Group. "Financial services developers are able to use open standards based programming techniques and the rich features of Intel® Parallel Studio XE 2015 to fully utilize modern processors with the operating system of their choice, all while ensuring the long term viability of their codes on future servers and workstations."

Peter Lankford, Founder and Director of STAC said: "STAC is delighted that Supermicro and Intel are leveraging industry standard STAC Benchmarks to demonstrate the latency and computation performance of their products in ways that are relevant to the financial community. STAC Benchmarks are developed by financial firms, and public STAC Reports reflect rigorous, independent testing by STAC."



Solution Specifications

- 1U Hyper-Speed Ultra SuperServer® (SYS-1028UX-CR-LL1/-LL2)
  Dual accelerated Intel® Xeon® processor E5-2643 v3 (Haswell) (-LL1 SKU) or E5-2687W v3 (Haswell) (-LL2 SKU), 64GB DDR4 in 8x +2133MHz DIMMs, 10x 2.5" hot-swap drive days, 8x 12Gb/s SAS3, 2x SATA3 (Optional 2x NVMe via AOC-URN2-i2XT), 2x PCI-E 3.0 (x16), Full-height Full-length, 1x PCI-E 3.0 (x8), Low-profile, 1x PCI-E 3.0 (x8) SAS3 integrated, 4x Gigabit Ethernet LAN ports, Integrated IPMI 2.0 with KVM and Dedicated LAN, 750W Redundant Platinum Level High-Efficiency (94%+) Power Supplies
  *"At the baseline STAC-N1 message rates, this system delivered the lowest mean latency, max latency, and jitter (standard deviation of latency) of any system publically reported to date (STAC.N1.β1.PINGPONG.LAT1)." - STAC Report, November 13, 2014.**

- 1U 3x Intel Xeon Phi Coprocessor SuperServer® (SYS-1028GR-TR)
  High density form factor supporting, dual Intel® Xeon® E5-2600 v3 (up to 145W), up to 1TB ECC, up to DDR4 2133MHz in 16x DIMMs, 4x hot-swap 2.5" SATA3 drive bays, 3x Intel® Xeon Phi™ Coprocessors (7120P), dual port GbE LAN, Redundant 1600W Platinum Level High-Efficiency (94%) Digital Power Supplies
  *"At 56 assets per rack unit, this system delivered the highest space efficiency of any system publically reported to date (STAC-A2.β2.GREEKS.SPACE_EFFICIENCY)." - STAC Report, October 30, 2014.***

* www.STACresearch.com/SFC141110
** www.STACresearch.com/INTC141023

Supermicro is present at the STAC Summit in New York, NY on November 13th in the New York Marriott Downtown.

For information on Supermicro solutions visit:

- Hyper-Speed solutions, visit www.supermicro.com/Hyper-Speed
- Intel Xeon Phi Coprocessor solutions, visit www.supermicro.com/Xeon_Phi
- High performance, high-efficiency Server, Storage and Networking solutions, visit www.supermicro.com

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About Super Micro Computer, Inc.
Supermicro® (NASDAQ: SMCI), the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Data Center, Cloud Computing, Enterprise IT, Hadoop/Big Data, HPC and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green®" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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