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## Supermicro® Expands HPC Solutions with New Upcoming Processor and Latest High Speed Interconnect Technologies

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Exhibits at SC11 Include Latest X9 Motherboards and Systems

Supporting Future Intel(R) Xeon(R) Processor E5 Family, 10GbE and

Mellanox(R) FDR 56Gb/s InfiniBand Networking

Super Micro Computer, Inc. , a global leader in high-performance, high-efficiency server technology innovation and green computing, will display its latest innovations in HPC at SC11 November 14-18 in Seattle, Washington.

(Photo: <http://photos.prnewswire.com/prnh/20111114/AQ05165>)

"Supermicro takes the lead in High Performance Computing with our new generation X9 computing platforms," said Charles Liang, President and CEO of Supermicro. "Our close working relationships with partners like Intel(R) and Mellanox ensures our HPC Solutions are first-to-market with the most advanced processor and networking technologies. Supermicro's innovations include Twin Architecture and with the upcoming FatTwin(TM) and Digital Switching power supplies, we will enable the HPC community with new solutions offering superior integration and even higher performance, density, and efficiency."

At SC11, Supermicro exhibits its vast array of leading-edge HPC products. Supermicro's X9 serverboards support future Intel(R) Xeon(R) processor E5 family, 8-Core (16 Thread) processors and are available in a multitude of form factors. The largest selection of industry standard and WIO/WIO+ motherboards offer extreme flexibility to fit any application need. 1U/2U GPU SuperServer(R) [<http://www.supermicro.com/gpu> ], Twin Architecture [<http://www.supermicro.com/twin> ] and SuperBlade (R) [<http://www.supermicro.com/superblade> ] systems provide the highest density, highest performance solutions. 3U, 4U (SYS-7047A-6) and Workstation/Tower configurations offer solid, expandable systems. Supermicro's advanced serverboards combined with SuperChassis and high-efficiency Power Supplies are the basis of Supermicro's HPC Building Block Solutions(R) and provide the ultimate flexibility and performance for configuring application optimized solutions.

Also on display will be the latest generation X8 SuperServer(R) motherboards and high-end systems including GPU SuperServers in 1U, 2U and 4U configurations, the 5U 8-Way, 80-Core (160 Threads) (5086B-TRF [<http://www.supermicro.com/products/system/5U/5086/SYS-5086B-TRF.cfm> ]) supporting eight 10-Core Intel(R) Xeon(R) E7-8800 processors and up to 2TB of memory and the 1U 4-Way, 32-Core server (8016B-TF [<http://www.supermicro.com/products/system/1U/8016/SYS-8016B-6.cfm?SAS=N&parts=SHOW> ] ) supporting four 8-Core Intel(R) Xeon(R) 7500 processors.

For ultra high-compute density Supermicro will display products from its SuperBlade line including the high-performance GPU SuperBlade (SBI-7126TG [<http://www.supermicro.com/servers/blade/module/SBI-7126TG.cfm> ]) providing 20 GPUs in a 7U SuperBlade enclosure and the TwinBlade(R) [<http://www.supermicro.com/servers/blade/TwinBlade> ] (SBI-7226T-T2 [<http://www.supermicro.com/servers/blade/module/SBI-7226T-T2.cfm> ]) supporting up to 120 DP servers with 240 Intel(R) Xeon(R) 5600/5500 series processors per 42U SuperRack(R) [<http://www.supermicro.com/SuperRack> ]. SuperBlade offers the highest computing density, fastest most cost-effective networking (InfiniBand) and most power efficient (Platinum Level 94%+) supercomputing solutions on the planet.

Additional exhibit highlights include MicroCloud (5037MC-H8TRF [<http://www.supermicro.com/products/system/3U/5037/SYS-5037MC-H8TRF.cfm> ]) with 8 Hot-Swap Nodes in a 3U, high-density Double-Sided Storage(R) [<http://www.supermicro.com/storage> ] systems and a demo of Intel's MIC card in a 1U SuperServer.

"One size no longer fits all in the HPC industry. A broad range of real workloads requires a range of system solutions with the latest technologies, varying ranges of memory and interconnect, and management solutions," said Rajeeb Hazra, General Manager of Technical Computing at Intel. "The broad range of platforms supported by Supermicro serves the

industry by taking the high performance technology from Intel(R) Xeon(R) processor platforms and delivering it efficiently to real applications."

Supermicro's HPC solutions will also be on display at Mellanox Technologies Booth (#522) with focus on the resource optimized 1U HPC server (SYS-6017R-N6RF4+) with FDR 56Gb/s InfiniBand interconnect technology.

"We are proud to partner with leading system builder Supermicro on HPC endeavors, and together open doors for the research and business community to faster processing than ever before," said David Barzilai, vice president of marketing at Mellanox. "With onboard Mellanox ConnectX(R)-3 FDR 56Gb/s InfiniBand adapters, Supermicro's HPC solutions are perfectly suited to take advantage of our continuously evolving I/O solutions, providing end-users with unprecedented application and job runtime benefits."

Supermicro's total SC11 showcase presents the company's broad spectrum of HPC building block solutions, industry-wide partnerships and unparalleled integration of the latest high performance computing technologies. See Supermicro's extensive portfolio of supercomputing solutions in Booth #2918. For more information on all Supermicro computing solutions, visit <http://www.supermicro.com>.

About Super Micro Computer, Inc.

Supermicro(R) , the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions(R) for HPC, Data Center, Cloud Computing, Enterprise IT and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green(R)" initiative by providing customers with the most energy-efficient, environmentally-friendly solutions available on the market.

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CONTACT: David Okada of Super Micro Computer, Inc., [davidokada@supermicro.com](mailto:davidokada@supermicro.com)

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