Supermicro Showcases World's Largest Portfolio of HPC Optimized Solutions, Extending Its Industry Leadership at ISC 2011

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Highlights Include Demos of New 1U, 2U Multi-GPU and Twin

Family SuperServers, 4-Way SuperBlade(R), GPU SuperBlade(R), Mellanox(R) FDR

56Gb/s InfiniBand and Intel(R) MIC Solutions

Super Micro Computer, Inc. , the global leader in server technology innovation and green computing, will demo its latest HPC solutions at the 2011 International Supercomputing Conference (ISC) in Hamburg, Germany (6/19 - 6/23). Supermicro will spotlight its new 1U (1026GT-TRF) (http://www.supermicro.com/products/system/1U/1026/SYS-1026GT-TRF.cfm) and 2U (2026GT-TRF) (http://www.supermicro.com/products/system/2U/2026/SYS-2026GT-TRF.cfm) high-density GPU SuperServers supporting up to 4 and 6 GPUs respectively, the GPU SuperBlade (SBI-7126TG) (http://www.supermicro.com/servers/blade/module/SBI-7126TG.cfm) providing 20 GPUs and 20 CPUs in a 7U enclosure, the TwinBlade(TM) (SBA-7222G-T2) (http://www.supermicro.com/Aplus/superblade/module/SBA-7222G-T2.cfm) supporting up to 3,840 Cores per rack and the 4-Way SuperBlade (SBA-7142G-T4) (http://www.supermicro.com/Aplus/superblade/module/SBA-7142G-T4.cfm), a high-performance (up to 60x 4-Way servers per 42U SuperRack(R)) (http://www.supermicro.com/products/rack/) compute platform with QDR 40Gb/s InfiniBand or 10GbE connectivity per blade. Also on display will be their enterprise-class 8-Way, 5U SuperServer(R) (5086B-TRF) (http://www.supermicro.com/products/system/5U/5086/SYS-5086B-TRF.cfm), a high-performance platform, supporting up to 80 Cores/2TB of memory and designed for mission-critical, high-availability computing environments.

(Photo: http://photos.prnewswire.com/prnh/20110619/AQ22280)

Supermicro will also deliver an industry-first live demo of the Intel(R) MIC (Many Integrated Core) card integrated into its latest 1U 6016GT-TF (http://www.supermicro.com/products/system/1U/6016/SYS-6016GT-TF.cfm?GPU=FM209) SuperServer. This server accommodates two MIC cards and runs at trillions of calculations per second boosting overall performance while retaining the benefits of standard Intel processors.

Supermicro continuously integrates the latest InfiniBand interconnect and high-speed networking technologies into its HPC optimized servers. As part of the world's first demonstration of a FDR 56Gb/s InfiniBand network organized by the HPC Advisory Council, Supermicro will host a Mellanox SwitchX(TM)-based FDR switch in their booth and connect to this next-gen network via a 6016GT-TF (http://www.supermicro.com/products/system/1U/6016/SYS-6016GT-TF.cfm?GPU=FM209) SuperServer. This high-profile event will network HPCAC member organizations across the ISC exhibition floor. Supermicro will also demo its new 10GbE 24-Port switch (SSE-X24S) (http://www.supermicro.com/products/accessories/Networking/SSE-X24S.cfm) which provides SMBs and Enterprise IT with cost-effective access to 10GbE.

"Supermicro has built the world's largest portfolio of high-performance, high-efficiency HPC solutions specifically optimized to support a wide range of financial, scientific and engineering disciplines," said Charles Liang, President and CEO of Supermicro. "We focus our efforts on design perfection, optimization and integration of cutting-edge technologies to offer HPC communities world-class supercomputing solutions for the advancement of scientific and research quests."

See all the HPC action in booth #510 at ISC '11 in Hamburg, Germany. Visit http://www.supermicro.com for Supermicro's entire suite of HPC solutions.

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, Enterprise IT and Embedded computing 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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