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Supermicro® Introduces Line of Next Generation Embedded Building Block Solutions® Optimized for Wide Variety of Embedded Applications

- Latest Solutions Offer Higher Performance, Lower Power, Greater I/O Expansion and Next Generation Processor Support

SAN FRANCISCO, Sept. 10, 2012 /PRNewswire/ -- *Super Micro Computer, Inc.*, a global leader in high-performance, high-efficiency server technology and green computing, showcases its new embedded solutions this week at Intel Developer Forum (IDF) 2012 in San Francisco, CA. New compact, feature-rich UP (uni-processor) motherboards and server appliances will be unveiled with demos featuring Wind River Hypervisor Virtualization and Windows Storage Server 2008 R2 Essentials.

(Photo: http://photos.prnewswire.com/prnh/20120910/AQ70836 [http://photos.prnewswire.com/prnh/20120910/AQ70836])

Supermicro's compact UP motherboards are the foundation of their embedded building block solutions. Server-grade designs provide maximum reliability with 7 year life time availability and support and the latest embedded motherboards support the 3rd Generation Intel® Core™ processors maximizing performance, density and memory throughput while lowering power consumption. Supermicro's embedded motherboard exhibits at IDF include:

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--  (New) C7B75

     [http://www.supermicro.com/products/motherboard/Core/B75/C7B75.cfm] (LGA

     1155, B75 Express Chipset) in uATX format offering multiple display port

     options. Ideally suited for IPC, kiosk and SMB desktop applications.

  --  (New) C7H61

     [http://www.supermicro.com/products/motherboard/Core/H61/C7H61.cfm]/-L

     (LGA 1155, H61 Express Chipset) in ATX form factor offering multiple

     PCI-E and PCI 32 slot options, HDMI output and multi display

     capabilities. Designed for DVR, IPC and SMB desktop applications.

  --  X9SCV-Q

     [http://www.supermicro.com/products/motherboard/xeon/qm67/x9scv-q.cfm]/X

     9SCV-QV4

     [http://www.supermicro.com/products/motherboard/xeon/qm67/x9scv-qv4.cfm]

     (G2 rPGA988B, QM67 Chipset) in mini-ITX form factor offer Dual HDMI, VGA

     and LVDS header and supports AMT 7.0. Designed for Digital Signage, IPC

     and Kiosk.

  --  X9SPV-F

     [http://www.supermicro.com/products/motherboard/xeon/qm77/x9spv-f.cfm]/X
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9SPV-LN4F

[http://www.supermicro.com/products/motherboard/xeon/qm77/x9spv-ln4f.cfm

] (FCBGA1023, QM77 Chipset) also in mini-ITX form it is the first of its

kind to offer ECC support, Quad GbE LAN. Designed for SMB Storage,

Gateway and Firewall Server.
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Supermicro's 1U 5017P-TLN4F [http://www.supermicro.com/products/system/1u/5017/sys-5017p-tln4f.cfm]/5017P-TF [http://www.supermicro.com/products/system/1u/5017/SYS-5017P-TF.cfm] in a short-depth 9.8" SC504-203B [http://www.supermicro.com/products/chassis/1u/504/sc504-203.cfm] chassis features 1x 3.5" or 2x 2.5" SATA3 drive bays, a 200W high-efficiency Supermicro power supply and PCI Express 3.0 x16 expansion capability on riser. These servers can be configured for a variety of embedded applications ranging from content servers, SMB storage/network/security appliances and IPC systems to standalone kiosk and digital signage solutions. Supermicro's new embedded server solutions support Intel® Core™ i7/i5/i3 Mobile processors with ECC support. These servers come in two configurations - i7 4C/35W and i5/2C 35W models.

"Supermicro is rapidly leveraging our server design expertise to expand our solutions for the embedded market," said Charles Liang, President and CEO of Supermicro. "Our new embedded motherboards and server solutions take maximum advantage of the new features available in Intel's latest mobile processors. Our designs focus on quality, flexibility and ease of deployment offering customers a growing range of solutions that adapt to their particular applications."

On display is Supermicro's 5017P-TLN4F [http://www.supermicro.com/products/system/1u/5017/sys-5017p-tln4f.cfm] (i7) embedded server running Wind River Hypervisor for embedded devices. The Wind River Hypervisor delivers a safe and secure partitioning solution that consolidates real-time and general purpose workloads running on multiple operating systems (such as VxWorks combined with Windows 7 or Wind River Linux). The virtualization layer delivers deterministic, real-time performance to the factory floor applications, while simultaneously running business applications in a safe and secure environment.

"By delivering virtualization, Wind River Hypervisor helps embedded developers achieve greater levels of device functionality on a wide variety of form factors," said Mark Hermeling, product line manager for virtualization at Wind River. "Wind River Hypervisor running on Supermicro's 5017P-TLN4F embedded server can consolidate real-time and general purpose workloads on operating systems such as VxWorks, Linux and Windows, while guarding safety and security. Together with Supermicro, we can provide our customers with the capability to reduce cost, save space, weight and power and deliver innovative new solutions that combine real-time control and business applications in a single box."

Also on display is Supermicro's next generation server 5017P-TF [http://www.supermicro.com/products/system/1u/5017/SYS-5017P-TF.cfm] (i5) running Windows Storage Server 2008 R2 Essentials. This embedded solution demo is ideal for SMB and branch offices, allowing data to be secured and readily available to a number of remote and desk users avoiding network bandwidth or access delays.

For a close up look Supermicro's latest embedded solutions and collaborative demos, visit their Embedded Solutions exhibit at IDF 2012, San Francisco in Moscone Center West, Intelligent Systems Community section, Booth #208. For complete information on Supermicro's wide range of flexible, high-performance Embedded Server Building Block Solutions, visit www.supermicro.com/Embedded [http://www.supermicro.com/Embedded].

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About Super Micro Computer, Inc.

Supermicro® , the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Embedded Systems, Enterprise IT, Data Center, HPC, and Cloud Computing 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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