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Supermicro® Debuts Embedded Motherboard and System Solutions Supporting the New 6th Gen Intel® Core™ Processor Family

Solutions Featuring 7 Year Long-Life Product Availability Optimized for Commercial, Industrial, Medical and Military Embedded and Internet of Things (IoT) Applications

SAN JOSE, California, Sept. 2, 2015 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMC)**, a global leader in high-performance, high-efficiency server, storage technology and green computing announces immediate availability of embedded motherboard and system solutions supporting the new 6th Gen Intel® Core™ processor family (codename Skylake). New compact motherboards and system solutions targeting embedded applications in commercial, industrial, medical and military industries offer increased compute and graphics performance with greater energy efficiency. These new solutions offer advanced features such as Intel® Software Guard Extensions (Intel® SGX) and Intel® Memory Protection Extensions (Intel® MPX) that boost security when combined with Supermicro's IoT gateway ([SYS-E100-8Q](#)) providing the most robust edge-to-cloud infrastructure.

"Supermicro's next generation embedded products offer the best performance, efficiency and feature sets in their class with support for the new 6th Gen Intel Core processors," said Charles Liang, President and CEO of Supermicro. "Our expanded solution portfolio covers the widest range of applications from commercial to Industrial, medical and military applications. When combined with our IoT gateway, Supermicro offers total end-to-end infrastructure solutions for the most mission-critical, data dependent operations and applications."

"The new 6th generation Intel® Core™ processor family offers dramatically fast CPU and graphics performance, a wide range of power and feature scalability, and new advanced features that boost IoT designs from the edge to the cloud. Supermicro's choice to incorporate 6th generation Intel® Core™ processors in its latest line of products benefits from Intel's latest technologies which allows them to deliver a unified solution for their customers spanning a wide range of performance, price and capability," said Samuel Cravatta, IOTG Product Line Director.

Photo - <http://photos.prnewswire.com/prnh/20150901/262636>

Product Specifications

- 1 UP Motherboard uATX 9.6" x 9.6" form factor ([X11SSQ](#)) - Supports 6th Generation Intel® Core™ processors (up to 65W TDP), Intel® Celeron® processors, and Intel® Pentium® processors Socket H4 (LGA 1151), Intel® Q170 chipset, 6x SATA3 (6Gb/s) ports, RAID 0,1,5,10 Intel RST, 64GB Non-ECC DDR4-2133MHz in 4x UDIMMs, 1x PCI-E 3.0 (x16), 2x PCI-E 3.0 (x4), 1x PCI-E 3.0 (x1), M.2 M key 2242/2280 PCI-E x2, dual GbE, 1x HDMI, 1x DP (DisplayPort), 1x DVI-D, 1x eDP (Embedded DisplayPort), 1x SuperDOM, 8x USB 2.0 ports (4x rear + 4x via headers), 4x USB 3.0 ports (2x rear + 2x via header), Intel® vPro™ technology with Intel® Active Management technology (Intel® AMT), ATX power connector, 7 year long-life availability. For use in medical or other embedded appliance applications. Optimized Chassis CSE-842i-500B
- 1 UP Motherboard uATX 9.6" x 9.6" form factor ([X11SSZ-QE](#)) - Supports 6th Generation Intel® Core™ (up to 65W TDP), Intel® Celeron® processors, and Intel® Pentium® processors Socket H4 (LGA 1151), Intel® Q170 chipset, 4x SATA3 (6 Gb/s) ports, RAID 0,1,5,10, 64GB Non-ECC DDR4-2133MHz in 4x UDIMMs, 1x PCI-E 3.0 x16, 2x PCI-E 3.0 (x4 in x8), dual GbE, 2x DP (DisplayPort), 1x DVI-I, 1x VGA, 1x SuperDOM, 9x USB 2.0 ports (2x rear + 6x via headers + 1x Type A), 4x USB 3.0 ports (2x rear + 2x via header), IPMI 2.0, Intel® vPro™ technology with Intel® Active Management Technology (Intel® AMT), 8-pin 12V DC power connector, ATX power connector, 7 year long-life availability. For use in medical or other embedded appliance applications. Optimized Chassis 1U 512-203B, 512F-350B, 514-441, 514-R400C, 515-505, 813MTQ-280CB, 813MTQ-350CB, CSE-842i-500B
- 1 UP Motherboard Mini-ITX 6.7" x 6.7" form factor ([X11SSV-Q](#)) - Supports 6th Generation Intel® Core™ (up to 65W TDP), Intel® Celeron® processors, Intel® Pentium® processors Socket H4 (LGA 1151), Intel® Q170 chipset, 5x SATA3 (6 Gb/s) ports RAID 0,1,5,10 Intel® RST, 32GB Non-ECC DDR4-2133MHz in 2x SO-DIMM s, 1x PCI-E 3.0 (x16), Mini-PCI-E with mSATA support, M.2 PCI -E 3.0 (x4) with SATA support, 2242/2280 M Key, dual GbE, 1x HDMI, 1x DP (DisplayPort), 1x DVI-I, 2x SuperDOM, 5x USB 2.0 ports (4x via headers + 1x Type A), 6x USB 3.0 ports (4x rear + 2x via header), Intel® vPro™ technology with Intel® Active Management Technology (Intel® AMT), 4-pin 12V DC power connector, ATX power connector, 7 year long-life availability. For medical or other embedded appliance applications.
- 1 Embedded 1U SuperServer® ([SYS-5019S-M2](#)) - Supports 6th Generation Intel® Core™ processors, Intel® Celeron®

processors, Intel® Pentium® processors Socket H4 (LGA 1151), Intel® Q170 chipset, 64 GB of Non-ECC DDR4-2133MHz in 4x UDIMMs, 4x 3.5" SATA3 hot-swap drive bays, 1x PCI-E x16 Gen 3 FH, FL slot, supports 3x independent displays (2x DP, DVI-I), TPM header, IPMI 2.0, Intel® vPro™ technology with Intel® Active Management Technology (Intel® AMT), Audio header, 350W high-efficiency power supply, 7 year long-life availability. Optimized for Security and Surveillance Appliance Server.

- | Embedded 1U Short-Depth Server ([SYS-1019S-M2](#)) - Supports 6th Generation Intel® Core™ processors, Intel® Celeron® processors, Intel® Pentium® processors Socket H4 (LGA 1151), Intel® Q170 chipset, 64GB of Non-ECC DDR4-2133MHz in 4x UDIMMs, 2x SATA3, 4x USB 3.0, 1x USB 2.0 (type A), Dual GbE LAN, supports 3x independent displays (2x DP, DVI-I), 1x PCI-E3.0 (x16) for Full Height and Full Length add on card, TPM header, 1x SuperDOM, IPMI 2.0, Intel® vPro™ technology with Intel® Active Management Technology (Intel® AMT), Redundant 200W Platinum Level, High Efficiency (95%+) power supplies (optional Batter Backup Power module (BBP™)), 7 year long-life availability. Optimized for Machine Automation Server, Compact Military 1U Server, VOIP and Network Appliance, and Medical Application Servers.
- | Embedded Mini Tower Server ([SYS-5029S-TN2](#)) - Supports 6th Generation Intel® Core™ processors, Intel® Celeron® processors, Intel® Pentium® processors Socket H4 (LGA 1151), Intel® Q170 chipset, 32GB of DDR4-2133MHz in 2x SO-DIMMs, 5x SATA3, 6x USB 3.0, 5x USB 2.0, dual GbE LAN, supports 3x independent displays (HDMI/DP/DVI-I), 2x COM ports, Audio, 1x PCI-E 3.0 (x16), 1x M.2 (M key 2242/80 PCI-E 3.0 (x4)), 1x Mini-PCI-E with mSATA support, TPM header, Intel® vPro™ technology with Intel® Active Management Technology (Intel® AMT), 7 year long-life availability. Optimized for Retail Technology Automation Small Medium Business, ATM, Kiosk, Surveillance appliance, Storage Appliance.
- | IoT Gateway ([SYS-E100-8Q](#)) - Compact, Ultra Low-Power, Fanless Edge to Cloud Mesh Network Device. Supports Intel® Quark™ X1021 SoC (2.2W), 512MB DDR3 ECC memory, 1x Micro SDHC up to 32GB, 2x Mini-PCI-E slots, 1x ZigBee module socket, TPM 1.2, 2x 10/100Mbps RJ45, Operating Temperature 0°C to 50°C

For more information on Supermicro's complete range of high-performance, high-efficiency Server, Storage and Networking solutions for Embedded applications, visit www.supermicro.com/Embedded.

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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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