



February 23, 2016

## Supermicro® Debuts New Compact Intel® Xeon® Processor D Based Products and Complete Server/Storage Solutions at Embedded World, Nuremberg

*New Range of Embedded Building Block Solutions Deliver 16/12/8 Core Performance and 6/4/2 Core Low Power Options with Intel® Xeon® Processor D-1500 Family*

NUREMBERG, Germany, Feb. 23, 2016 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server, storage technology and green computing showcases its latest Embedded Building Block Solutions this week at Embedded World in Nuremberg, Germany. At the show, Supermicro will debut its expanded range of compact X10SDV motherboards which now extend top end performance with support for the new 65W 16-core Intel® Xeon® processor D-1587 on the [X10SDV-7TP8F](#) as well new low power solutions supporting the 25W 2-core Intel® Pentium® processor D-1508 on the [X10SDV-2C-7TP4F](#) featured in the new 1U 12x 3.5" hot-swap HDD Cold Storage solution SSG-5018D2-AR12L. The new series of compact X10SDV boards include support for Intel® Xeon® processor D-1500 family 8-core ([X10SDV-7TP4F](#)) in 1U warm storage SSG-5018D8-AR12L, 4-core ([X10SDV-4C-7TP4F](#)), and 2-core ([X10SDV-2C-7TP4F](#)) in 1U cold storage SSG-5018D4-AR12L. Combined with embedded optimized SuperChassis SC504/505/510/721 and SC514/515/813, Supermicro enables new applications from cold, warm and hot storage to converged infrastructure for network/datacenter edge to cloud solutions.

Show exhibits also include Supermicro's compact 1U short-depth SuperServers, Mini-Tower and Box PC systems, ultra low-power Edge-to-Cloud mesh network Internet of Things (IoT) Gateway System ([SYS-E100-8Q](#)) powered by a 2.2W Intel® Quark™ SoC X1021, single (UP) and dual processor (DP) Intel® Xeon® processor-based motherboards and SuperChassis solutions.

"Supermicro's expanded line of low power and performance oriented Embedded Building Blocks now enable new cold, warm and hot storage solutions as well as a complete range of converged infrastructure solutions optimized for data center, network and edge to cloud," said Charles Liang, President and CEO of Supermicro. "With the vast growth of data driven workloads across embedded applications worldwide, the demand for a strong solution provider is critical. Supermicro's dedication to offering the latest, most advanced technologies and developing complementing low power IoT gateway and compact server, storage, networking solutions deliver the best end to end ecosystems for ease of deployment and open scalability."

"The new Intel Xeon processor D product family brings advanced technologies and performance into a dense, low-power system-on-a-chip architecture, extending intelligence to the data center and network edge," said Lisa Spelman, Vice President of Marketing, Data Center Group, Intel Corporation. "With Supermicro's embedded solutions expertise and broad integration of Intel Xeon Processor D-1500 across their server and storage products, we are delivering powerful, agile, and scalable solutions to enable new embedded, IoT, and Data Center ecosystems."

Photo - <http://photos.prnewswire.com/prnh/20160222/336165>

Supermicro Embedded Server, Storage and Networking Building Block Solutions @ Embedded World

### ┆ New 2016 X10SDV Series Motherboards and Systems supporting Intel® Xeon® Processor D-1500 Family

- ┆ [X10SDV-16C\(+\)-TLN4F](#) - Mini-ITX, Intel® Xeon® processor D-1587 SoC 16-core, 65W (+ w/ Fan), Dual 10GbE/1GbE, M.2, up to 128GB DDR4 RDIMM, Optimized Chassis SC721, SC505/504
- ┆ [X10SDV-12C-TLN4F](#) - Mini-ITX, Intel® Xeon® processor D-1557 SoC 12-core, 45W, Dual 10GbE/1GbE, M.2, up to 128GB DDR4 RDIMM, Optimized Chassis SC505/504
- ┆ [X10SDV-6C\(+\)-TLN4F](#) - Mini-ITX, Intel® Xeon® processor D-1528 SoC 6-core, 35W (+ w/ Fan), Dual 10GbE/1GbE, M.2, up to 128GB DDR4 RDIMM, Optimized Chassis SC721, SC505/504
- ┆ [X10SDV-4C-TLN4F](#) - Mini-ITX, Intel® Xeon® processor D-1518 SoC 4-core, 35W, Dual 10GbE/1GbE, M.2, up to 128GB DDR4 RDIMM, Optimized Chassis, SC505/504
- ┆ [X10SDV-7TP8F](#) (SYS-1018D-FRN8T) - Flex ATX, Intel® Xeon® processor D-1587 SoC 16-core, 65W, Dual 10GbE SFP+, 6x 1GbE LAN Ports, up to 22x SATA devices, Optimized Chassis: SC515R
- ┆ [X10SDV-TP8F](#) (SYS-5018D-FN8T) - Flex ATX, Intel® Xeon® processor D-1518 SoC 4-core, 35W, Dual 10GbE SFP+, 6x 1GbE LAN Ports, up to 22x SATA devices, Optimized Chassis: SC505

- [X10SDV-7TP4F](#) (SSG-5018D8-AR12L) - Flex ATX, Intel® Xeon® processor D-1537 SoC 8-core, 35W, Dual 10GbE SFP+, 2x 1GbE LAN Ports, Optimized Chassis: SC801L
- [X10SDV-4C-7TP4F](#) (SSG-5018D4-AR12L) - Flex ATX, Intel® Xeon® processor D-1518 SoC 4-core, 35W, Dual 10GbE SFP+, 2x 1GbE LAN Ports, up to 22x SATA devices, Optimized Chassis: SC801L
- [X10SDV-2C-7TP4F](#) (SSG-5018D2-AR12L) - Flex ATX, Intel® Pentium® processor D-1508 SoC 2-core, 25W, Dual 10GbE SFP+, 2x 1GbE LAN Ports, up to 22x SATA devices, Optimized Chassis: SC801L
- [X10SDV-2C-TP8F](#) - Flex ATX, Intel® Pentium® processor D-1508 SoC 2-core, 25W, Dual 10GbE SFP+, 6x 1GbE LAN Ports
- [X10SDV-4C+-TP4F](#) - Flex ATX, Intel® Xeon® processor D-1518 SoC 4-core, 35W (w/ Fan), Dual 10GbE SFP+, 2x 1GbE LAN Ports
- [X10SDV-2C-TP4F](#) (SYS-5018D-LN4T) - Flex ATX, Intel Pentium® processor D-1508 SoC 2-core, 25W, Dual 10GbE SFP+, 2x 1GbE LAN Ports, Optimized Chassis: SC504

## Compact Servers

- [SYS-E100-8Q](#) - IoT Wireless Gateway. Compact, Ultra Low-Power, Fanless Edge to Cloud Mesh Network Device. Supports 2.2W Intel® Quark™ X1021 SoC
- [SYS-5029S-TN2](#) - Space-efficient, Mini-Tower for Cloud/NAS applications in SOHO and Corporate environments. Supports 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium®, Celeron™ processors, Intel® Q170 Chipset
- [SYS-5018A-FTN4](#) - 1U Short-Depth, Front I/O server for gateway, file-sharing, security appliances. Supports Intel® Atom™ processor C2758 (20W 8-core)
- [SYS-E200-9B](#) - Compact 1U Mini ITX BOX PC for digital signage, kiosk applications. Supports Intel® Pentium™ N3700 (6W 4-Core)
- [SYS-5018A-TN7B](#) - Compact Network Security Server with 3-pair LAN bypass capability. Supports Intel® Atom™ processor C2758 (20W 8-core)
- [SYS-1018L-MP](#) - Compact System optimized for Security Appliance, Surveillance, Digital Signage, Indoor Kiosk-Video processing, streaming. Supports 4th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium®, and Celeron™ processors, Intel® H81 Chipset
- [SYS-1019S-M2](#) - 1U Rear I/O server optimized for Military, Industrial Automation, Medical application servers. Supports 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium, Celeron processors, Intel® Q170 Chipset

## Uni-Processor (UP) Motherboards

- [A1SQN](#) - Ultra Low-Power, Compact E100 (4.1" x 4.0") IoT Gateway device. Supports Intel® Quark™ SoC (2.2W), 512MB DDR3 ECC memory onboard, 2x Mini-PCI-E slots, 1x ZigBee module socket, TPM 1.2, 2x 10/100Mbps LAN
- Compact Low-Power Intel® Atom™ processor C2558/C2758 SoC, Micro ATX
  - [A1SRM-LN7F-2758F](#), [A1SRM-LN5F-2358](#) (communications 3 pair LAN bypass); [A1SRM-2558F/-2758F](#), [A1SRi-2558F/-2758F](#) (communications Intel® Quick Assist Technology)
- [X11SBA-F/-LN4F](#) - Mini-ITX supports Intel® Pentium® N3700 (6W, 4-core), Intel® HD Graphics with HDMI, Display port, and VGA, Quad 1GbE LAN (dual for -F) with IPMI
- [X11SSV-Q](#) - Mini-ITX supports 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium®, Celeron™ processors, Intel® Processor Graphics with DisplayPort, HDMI, and DVI-I for 3 Independent Displays, AMT 11.0, vPro
- [X11SSQ](#) - Micro ATX supports 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium®, Celeron™ processors, Intel® Processor Graphics with DisplayPort, HDMI, and DVI-D for 3 Independent Displays, AMT 11.0, vPro
- [X11SSZ-QF](#) - Micro ATX supports 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Intel® Pentium®, Celeron® processors, Intel® Processor Graphics with 2 DisplayPorts and 1 DVI-I for 3 Independent Displays, AMT 11.0, vPro, IPMI, 12V DC
- [X11SSZ-TLN4F](#) - Micro ATX supports Intel® Xeon® processor E3-1200 v5, 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium®, Celeron™ processors, Intel® Processor Graphics with 2 DisplayPorts and 1 DVI-I for 3 Independent Displays, Dual 10GbE LAN ports, AMT 11.0, vPro, and IPMI
- [X11SAE-F](#) - ATX supports Intel® Xeon® E3-1200 v5, 6th Gen Intel® Core™ i7, Core™ i5, Core™ i3, Pentium®, Celeron™ processors, Intel® Processor Graphics with Display Port, HDMI, and DVI-D, 3 Independent Displays, AMT 11.0, vPro, and IPMI
- [X9SKV-1125](#) - Intel® Xeon® processor E3-1125C, 40W, 2.0GHz. 8M, (formerly codenamed Gladden) / [-1105](#) (Intel® Xeon® processor E3-1105C v2, 25W, 1.8GHz. 8M) / [-B915](#) (Intel® Pentium® processor B915C, 15W, 1.5GHz. 3M); Flex ATX (9.0" x 7.2"), Intel® Communication Chipset 8903, quad ports programmable LAN bypass

l Dual Processor (DP) Motherboards supporting Intel® Xeon® Processor E5-2600 v3

- i [X10DRi/-T4+](#) - E-ATX, up to 1TB ECC DDR4 2133MHz in 16x DIMM slots, Intel® X540 Dual port 10GBASE-T LAN
- i [X10DRH-iT](#) - E-ATX, up to 1TB ECC DDR4 2133MHz in 16x DIMM slots, 10x SATA3 (6Gbps) ports w/ Intel C612 controller; RAID 0, 1, 5, 10, Intel® X540 Dual port 10GBASE-T LAN
- i [X10DRL-i](#) - ATX, up to 512GB ECC DDR4 2133MHz in 8x DIMM slots, 10x SATA3 (6Gbps); RAID 0, 1, 5, 10
- i [X10DRL-CT](#) - ATX, up to 512GB ECC DDR4 2133MHz in 8x DIMM slots, 8x SAS3 (12Gbps) via LSI 3108; HW RAID 0, 1, 5, 6, 10, 50, 60; 6x SATA3 (6Gbps); RAID 0, 1, 5, 10
- i [X10DRW-i\(T\)](#) - WIO, up to 1TB ECC DDR4 2133MHz in 16x DIMM slots, 10x SATA3 (6Gbps); RAID 0, 1, 5, 10, Flexible I/O via WIO Riser Card, 1x PCI-E 3.0 x32, 1x PCI-E 3.0 x16
- i [X10DDW-i](#) - WIO, up to 1TB ECC DDR4 2133MHz in 16x DIMM slots, 1x PCI-E 3.0 x32 Left riser slot, 1x PCI-E 3.0 x8 Right riser slot, 1x PCI-E 3.0 x8 for Add-On-Module, Intel® i350 Dual port Gigabit Ethernet, 10x SATA3 (6Gbps); RAID 0, 1, 5, 10

l New SuperChassis

- i [CSE-514-R400C](#) - 1U short-depth rackmount chassis for UP/DP motherboards. 2x 2.5" Internal Drive Bays, 1x Full-height AOC expansion slot, 4x 40x56mm high-efficiency fans, 400W redundant power supplies
- i [CSE-721TQ-250B](#) - Compact Mini-Tower for Mini-ITX motherboards, 4x 3.5" Hot-Swap SATA HDD and 2x internal 2.5" SATA HDD (or 1x 2.5" HDD + slim DVD slot), 1x low profile expansion slot
- i [CSE-101S](#) - Slim, space saving 1U BOX PC for Mini-ITX form factor (7.68" x 7.68" x 1.75"), 1x 2.5" internal HDD support (design for 9.5mm thickness HDD), VESA/Wall-mount ready
- i [CSE-504-203B](#) - 1U short-depth rackmount chassis, 1x 3.5" Internal Drive Bay with 1x Half-height, Half-length PCI, or 2x 3.5" Internal Drive Bays, or 2x 2.5" Internal Drive Bays with 1x Full-height, Half-length PCI, or 4x 2.5" Internal Drive Bays

Visit Supermicro, an Associate member of the Intel® Internet of Things Solutions Alliance, at Embedded World in Nuremberg, Germany, February 23 through 25 at the Exhibition Centre Nuremberg, Hall 1, Booth #1-330. For more information on Supermicro's complete line of Embedded Building Block Solutions visit [www.supermicro.com/Embedded](http://www.supermicro.com/Embedded) or download an [Embedded Solutions Brochure](#). For more information on Supermicro's complete range of high performance, high-efficiency Server, Storage and Networking solutions, visit [www.supermicro.com](http://www.supermicro.com).

Follow Supermicro on [Facebook](#) and [Twitter](#) to receive their latest news and announcements.

**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.

Supermicro, Building Block Solutions and We Keep IT Green are trademarks and/or registered trademarks of Super Micro Computer, Inc.

Intel, Atom, Celeron, Core, Pentium, Quark, Xeon and vPro are trademarks and/or registered trademarks of Intel Corporation in the United States and other countries.

All other brands, names and trademarks are the property of their respective owners.

SMCI-F

News Provided by Acquire Media