



June 11, 2012

Supermicro's New Compact Embedded Server Appliance Supports 3rd Generation Intel® Core™ i7/i5/i3 Processors

Embedded Server Solution Delivers Increased Processing Power and I/O Performance with Low Power, Feature Enhanced 22nm 3D Tri-Gate Intel® Processor

SAN JOSE, Calif., June 11, 2012 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in high-performance, high-efficiency server technology and green computing, releases its next generation, ultra low power, compact form factor embedded server platform ([5017P-TLN4F](#)) based on their new Mini-ITX (6.7" x 6.7") motherboard ([X9SPV-F/LN4F](#)). Compared to the previous generation architecture, this solution delivers 15% more processing performance, up to 50% more 3D graphics performance supporting the latest graphic APIs - DX11, OpenCL 1.1 and OpenGL 3.1 and new features such as Intel® Smart Response Technology enabling increased storage I/O performance with SSD caching.

(Photo: <http://photos.prnewswire.com/prnh/20120611/AQ21864>)

The X9SPV-F/LN4F embedded server platform features the following:

- | Mobile, 3rd generation Intel® Core™ i7/i5/i3 processors and Mobile Intel® QM77 Express Chipset
- | Dual/Quad core 1.6GHz to 2.7GHz 35W and 25W M Series and 17W U Series processor options
- | Up to 16GB ECC DDR3-1066/1333MHz in dual vertical SO-DIMMs
- | 1 PCI-E 3.0 x16 slot (i3 2.0 only)
- | 2 SATA 6Gbs/ and 4 SATA 3Gbs/ Ports (RAID 0/1/5/10)
- | VGA Output; Matrox G200eW (default) or Intel® Integrated Graphics (DX11) via BIOS setup
- | Quad Gigabit LAN Ports (4x 82574L)
- | IPMI 2.0 with dedicated LAN
- | 4 USB 3.0 ports, 6 USB 2.0 ports (4 rear, 2 header)
- | SATA DOM (Disk on Module) Power connector

When combined with Supermicro's newest compact short-depth enclosure (SC504-203B) featuring 1x 3.5" or 2x 2.5" SATA2 drive bays, a 200W high-efficiency Supermicro power supply and PCI Express 3.0 x16 expansion capability on riser, the resulting embedded server appliance (5017P-TLN4F) is ideal for applications such as storage head nodes, media transcoding, HD video conferencing, network monitoring, security and firewall management and a variety of other space and power constrained applications.

"Supermicro offers server class reliability and performance to the embedded server appliance market with low power solutions and long-life cycle support and availability," said Wally Liaw, Vice President Sales, International at Supermicro. "Our latest compact solution is optimized to deliver maximum performance with increased energy efficiency and offers full support of 3rd generation Intel Core processors based on Intel's 22nm process technology and 3D Tri-Gate transistors. Supermicro provides our embedded customers first to market advantages with ready to deploy, advanced technology platforms."

"Customers today are looking for feature rich, off-the-shelf solutions that offer low power and better energy efficiency without compromising performance," said Matt Langman, director of marketing, Intel Intelligent Systems Group. "Embedded server appliances, like those from Supermicro, use the 3rd generation Intel® Core® processor family to provide unprecedented performance and breakthrough I/O capabilities. The platform enables highly optimized solutions for customers across a broad spectrum of workloads and segments, including Green Computing."

For complete information on Supermicro's wide range of flexible, high-performance Embedded Server Building Block Solutions, visit www.supermicro.com/Embedded.

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, 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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