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Supermicro® Shipping Latest Intel® Xeon Phi™ Processor Server Solutions in Volume with Intel® Omni-Path Fabric

New 2U 4-node SuperServers with the latest Intel® Xeon Phi™ processor for HPC clusters and workstations for developers with Intel® Omni-Path Architecture based 100Gb/s Networking

SAN JOSE, Calif., July 27, 2016 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in compute, storage, and networking technologies and green computing has announced volume shipments of SuperServer solutions based on the new Intel® Xeon Phi™ processor (formerly code named Knights Landing) with integrated or external Intel® Omni-Path Architecture (Intel® OPA) next generation fabric as options.



Supermicro's [SuperServer 5028TK-HTR](#) is a 2U 4-Node server supporting the new Intel® Xeon Phi™ processor with integrated or external Intel® OPA fabric options, as well as an associated tower development workstation [SYS-5038K-I](#). In addition, the company's new 1U 48-port top-of-rack network switch with 100Gbps Intel® OPA provides a unique HPC cluster solution offering excellent bandwidth, latency and message rate that is highly scalable and easily serviceable.

"Our high-performance computing solutions enable deep learning, engineering, and scientific fields to scale out their compute clusters to accelerate their most demanding workloads and achieve fastest time-to-results with maximum performance per watt, per square foot, and per dollar," said Charles Liang, President and CEO of Supermicro. "With our latest innovations incorporating Intel Xeon Phi processors in a performance and density optimized Twin architecture and 100Gbps OPA switch for high bandwidth connectivity, our customers can accelerate their applications and innovations to address the most complex real world problems."

According to Barry Davis, general manager, Accelerated Workloads Group, at Intel, "Supermicro's adoption of our latest technologies, including the new Intel Xeon Phi processor and Intel Omni-Path Architecture will enable remarkably deeper insights and innovations for research and commercial applications in science, analytics, and machine learning."

Supermicro's Intel® Xeon Phi™ processor-based computing platforms, like those based on Intel Xeon processors, utilize common instruction sets and support multiple programming models, helping to simplify parallel computing application management in the hybrid environment and take advantage of the powerful processing resources of Supermicro's HPC platforms. Engineering, scientific and research fields can dramatically accelerate application performance with minimal investment in development with Supermicro's Intel Xeon Phi processor-based supercomputing solutions. The 2U SYS-5028TK-HTR is a highly optimized Intel Xeon Phi processor system for the HPC market, supporting four Intel Xeon Phi processors. The SYS-5038K-I tower workstation is intended for designers wishing to develop applications for this exciting new processor and networking option.

Supermicro also offers the latest in cost-effective Top-of-Rack switching technology, whether it is traditional fully-featured models incorporating both hardware and software in a complete solution, or bare metal hardware capable of running third-party software configurable to specific customer needs in an Open Network Environment. Based on the Intel® OPA, Supermicro's new [SSH-C48Q](#) is a 1U top-of-rack switch with 48 100Gbps QSFP+ ports. Meanwhile, Supermicro's [Server Management Software](#) provides a multifunctional suite of tools that can perform health monitoring, power management and firmware maintenance to help customers deploy and maintain servers in data centers.

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

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About Super Micro Computer, Inc. (NASDAQ: SMCI)

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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