Supermicro Introduces Best in Class All-Flash NVMe BigTwin Server Solutions Optimized with VMware vSAN

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Boost Performance up to 10x and Deliver 9x better Cost per Virtual Machine with Certified Hyper-converged BigTwin Servers with max CPU, memory, NVMe storage and expansion card support

LAS VEGAS, Aug. 27, 2018 /PRNewswire/ -- **Super Micro Computer, Inc.** (NASDAQ: SMCI), a global leader in enterprise computing, storage, networking solutions and green computing technology, today introduced its latest fully configured, ready to deploy software-defined storage (SDS) solution at VMworld 2018 in Las Vegas, booth 2137, Mandalay Bay Hotel & Convention Center.

"Our new All-Flash NVMe BigTwin™ solution, which is fully ready to deploy and has undergone stringent validation testing and certification by Intel, VMware and Supermicro, is the preferred platform for many of today's leading hyperconvergence players," said Charles Liang, President and CEO of Supermicro. "This All-Flash vSAN hyper-converged solution accelerates software-defined storage, optimizes data center infrastructure, and ultimately fast-tracks the process of selecting and deploying hardware and software."

This BigTwin SDS solution has higher core counts designed to support more virtual machines (VM) per node and system. With up to 3TB memory per node, All-Flash NVMe BigTwin technology is ideal for in-memory database applications. Each node supports six hot-swap NVMe drives to fully maximize performance.

Featuring Supermicro's flexible, cost-optimized SIOM networking module, the All-Flash NVMe BigTwin supports a variety of 10G, 25G, 50G and 100G network interface options. The solution's multi-node architecture maximizes power efficiency through resource sharing for greener computing and saves customers on both CAPEX and OPEX to deliver the best TCO.

Using Intel® Optane™ DC SSDs with NVMe support for caching helps this high-performance SDS solution accelerate storage performance up to 3X with endurance up to 30 drive writes per day (DWPD). These Supermicro VMWare solutions based on the BigTwin offer vSAN data protection for mission-critical applications. To learn more about this hyper-converged solution, refer to the following whitepaper: https://www.supermicro.com/white_paper/white_paper_BigTwin.pdf.

To address the rapidly growing demand for digital storage, many enterprise customers are looking at lower latency solutions with higher capacities. With 36 NF1 and 32 Ruler form factor NVMe SSDs, Supermicro's Petascale 1U JBOFs and storage servers support large capacities of high-performance, all-flash NVMe storage in just 1U of rack space, which rivals much more expensive traditional storage at a fraction of the footprint and infrastructure cost.

In addition, Supermicro's All-Flash 1U Ultra system (SYS-1029U-TN10RT) with proven low latency and high efficiency, when loaded with an NVIDIA Tesla V100 accelerator card, provides a very well balanced solution in terms of density, performance and efficiency for many AI, HPC and graphics applications.

To learn more about Supermicro All-Flash NVMe systems optimized for VMware vSAN, please see this whitepaper https://www.supermicro.com/white_paper/white_paper_Vitual_SAN.pdf.

For general information on Supermicro All-Flash and Hybrid solutions integrated with VMware vSAN, please visit https://www.supermicro.com/solutions/VMware_VSAN.cfm.

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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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