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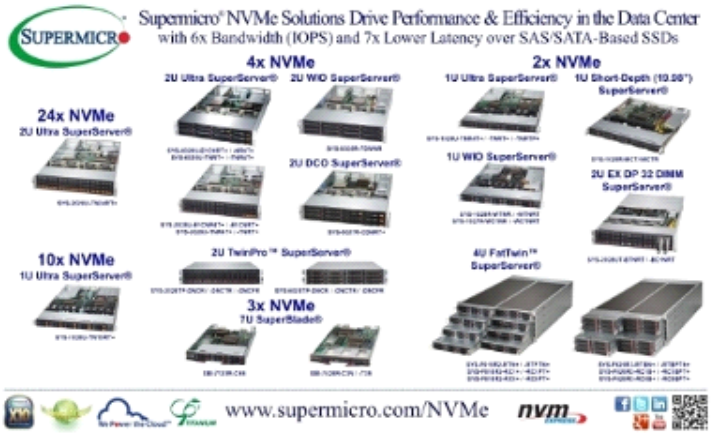
Supermicro® NVMe (U.2) Solutions Drive Data Center Performance and Efficiency with Expanded Support for Intel® SSD Data Center Family

New 2U 24x and 1U 10x Hot-Swap NVMe 1.2 Configurations Start Shipping to Deliver Extreme Performance with 6x Bandwidth (IOPS) and 7x Lower Latency Improvement versus SAS/SATA-Based SSDs

SAN JOSE, Calif., July 9, 2015 /PRNewswire/ -- **Super Micro Computer, Inc. (NASDAQ: SMCI)**, a global leader in high-performance, high-efficiency server, storage technology and green computing is extending its unrivaled range of NVMe 1.2 optimized SuperServer® and SuperStorage solutions with expanded support for Intel® SSD Data Center Family P3700/P3600/P3500 series 2.5" U.2 (SFF-8639) and AIC PCIe 3.0 SSDs. Supermicro's latest solutions combine the extreme performance, endurance and efficiency of NVMe with boot functionality via UEFI, RAID5 via Intel® Rapid Storage Technology enterprise (RSTe) and Supermicro's energy-efficient Green Computing innovations in advanced thermal optimized cooling architecture and intelligent, cold redundant power supplies. Target applications include mission-critical database, server virtualization, scale-out storage, VDI, and big data analytics. With the industry's widest range of application optimized NVMe solutions in 24, 10, 4, 3, and 2x NVMe configurations, Supermicro is raising the bar on performance, efficiency, density and reliability in Enterprise, Data Center, Cloud and HPC environments.



"Supermicro is driving innovation in the Data Center with the industry's broadest range of NVMe server and storage solutions featuring the Intel SSD Data Center Family," said Charles Liang, President and CEO of Supermicro. "We are rapidly expanding hot-swap NVMe support across our Ultra, TwinPro, FatTwin, WIO, DCO, SuperBlade and additional server, storage platforms to accelerate adoption and provide cost effective economies of scale for next generation storage technologies. Combining boot functionality, support for Intel Rapid Storage Technology enterprise, and innovations in cooling and systems management, our NVMe solutions offer feature sets that maximize performance, density, efficiency and reliability while lowering overall TCO."

"NVMe brings significant improvements in SSD technology by delivering nearly 500x reduction in latency over traditional HDD and 6x reduction in latency over SAS/SATA interfaces," said Rob Crooke, senior vice president and general manager of Intel's Non-Volatile Memory Solutions Group. "By using the Intel® SSD Data Center Family, Supermicro is able to offer a wide variety of enterprise server and storage configurations with high performance, density, endurance and reliability."

Supermicro NVMe Solutions

24x NVMe

- 2U Ultra SuperServer (2028U-TN24RT+) 24x 2.5" hot-swap NVMe drive bays

10x NVMe

- 1U Ultra SuperServer (1028U-TN10RT+) 10x 2.5" hot-swap NVMe drive bays

4x NVMe

- 2U Ultra SuperServers
  - 12x 3.5" hot-swap drive bays (6028U-E1CNR4T+ / 6028U-E1CNRT+) 4x NVMe, 8x SAS3; (6028U-TNR4T+ / 6028U-TNRT+) 4x 2.5" NVMe, 8x 3.5" SATA3
  - 24x 2.5" hot-swap drive bays (2028U-E1CNR4T+ / 2028U-E1CNRT+) 4x NVMe, 20x SAS3; (2028U-TNR4T+ / 2028U-TNRT+) 4x NVMe, 8x SATA3
- 2U TwinPro™ SuperServers (2-node)
  - 12x 2.5" hot-swap drive bays per node (2028TP-DNCR / 2028TP-DNCTR / 2028TP-DNCFR) 4x NVMe, 8x SAS3 12Gb/s per node
  - 6x 3.5" hot-swap drive bays per node (6028TP-DNCR / 6028TP-DNCTR / 6028TP-DNCFR) 4x NVMe, 2x SAS3 12Gb/s per node, or 24x SAS3 12Gb/s support via optional Add-on Cards (AoC)
- 2U WIO SuperServer (6028R-TDWNR) 8x 3.5" hot-swap SATA3 + 4x 2.5" NVMe
- 2U DCO (6027R-CDNRT+) 12x 3.5" hot-swap bays; 4x NVMe + 8x SAS/SATA; HW RAID 0, 1, 5, 6, 10, 50, 60 support

3x NVMe

- 7U SuperBlade®
  - StorageBlade 6x 2.5" hot-swap drive bays (SBI-7128R-C6N) 3x NVMe/SAS3 hybrid + SAS3, HW RAID 0, 1, 5, 6, 10, 50 with optional SuperCap
  - DatacenterBlade 3x 2.5" hot-swap drive bays (SBI-7428R-C3N) 3x NVMe and/or SAS3, HW RAID 0, 1, 5; (SBI-7428R-T3N) 3x NVMe and/or SATA3, RAID 0, 1, 5

2x NVMe

- 1U Ultra SuperServers
  - 10x 2.5" hot-swap bays (1028U-TNR4T+ / 1028U-TNRT+ / 1028U-TNRTP+) 2x NVMe/SATA3 hybrid + 8x SATA3 ports; 8x SAS3 ports optional via AOC,
- 1U WIO SuperServers 10x 2.5" hot-swap HDD Bays (1028R-WTNR / 1028R-WTNRT); 8x SATA3 + 2x NVMe/SATA3, (1027R-WC1NR / 1027R-WC1NRT) 2x NVMe and 8x 2.5" hot-swap SAS3 drives; RAID 0, 1, 5, 6, 10, 50, 60
- (1028R-WC1R / 1028R-WC1RT) 8x SATA3/SAS3 + 2x optional NVMe
- 1U Short-Depth (19.98") SuperServers (1028R-MCT / 1028R-MCTR) 8x 2.5" hot-swap SAS/SATA HDD bays, SAS3, optional 2x 2.5" NVMe
- 4U FatTwin™ 4-node SuperServers (F628R3-RTBN+ / F628R3-RTBPTN+) 8x 3.5" hot-swap drives per U; 8x 3.5" SATA3 or 6x 3.5" SATA3 and 2x NVMe per node; (F628R3-RC1B+ / F628R3-RC1BPT+; F628R3-RC0B+ / F628R3-RC0BPT+) 8x 3.5" hot-swap drive bays; 8x SAS3 or 6x SAS3 + 2x NVMe
- 4U FatTwin™ 8-node SuperServers (F618R2-RTN+ / F618R2-RTPTN+) 6x 2.5" hot-swap drive bays: 6x SATA3 or 4x SATA3 + 2x NVMe per node; (F618R2-RC1+ / F618R2-RC1PT+; F618R2-RC0+ / F618R2-RC0PT+) 6x 2.5" hot-swap drive bays; 6x SAS3 or 4x SAS3 + 2x NVMe per node
- 2U EX-DP 32 DIMMs 2-node 2x NVMe 2.5" SSD and 8x 2.5" SAS3/SATA3 bays per node (2028UT-BTNRT / 2028UT-BC1NRT) 8x SATA3 via Intel® C602 chipset; RAID 0, 1, 5, 10 (-BTNRT), 8x SAS3 via LSI® 3108; RAID 0, 1, 5, 6, 10, 50 (-BC1NRT)

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

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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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