May 28, 2014

Supermicro® Introduces 1U 32" 12x 3.5" HDD (10W~120W Processor) Storage Solutions

- Standard Rack Form Factor and Tool-less Design Enables Easy Deployment and Serviceability

SAN JOSE, California, May 28, 2014 /PRNewswire/ -- *Super Micro Computer, Inc.* , a global leader in high-performance, high-efficiency server, storage technology and green computing brings to market a new, compact, cost-effective storage solution with its new SSG-5018A-A(R/S)12L SuperStorage Server. This specialized storage server minimizes power consumption and reduces cooling requirements by spinning down or powering off idle drives and managing data streams via Supermicro's compact, low-power Intel® Atom(TM) C2750 based serverboard for cold storage. For more data intensive applications, configurations are available with the Intel® Xeon® E3-1200 v3 and E5-1600/2600 v2 processors. The complete solution is ready to deploy in a compact 1U 32" chassis supporting up to 48TB/72TB of 3.5" HDD storage. Flexible networking options are available with 2x 1GbE ports or 10GBase-T, SFP+ ports. In addition, the system is powered by redundant 400W/600W high efficiency power supplies for maximum fault resiliency.

Photo - http://photos.prnewswire.com/prnh/20140528/91578 [http://photos.prnewswire.com/prnh/20140528/91578]

"Supermicro's new 1U storage server is exactly the best solution for today's tiered storage architectures that need rapid access to data with minimum power consumption and heat dissipation," said Charles Liang, President and CEO of Supermicro. "Our new system is designed to save energy while providing maximum accessibility to infrequently accessed data. With our compact Atom C2000 serverboard and Xeon UP configurations, we have achieved the perfect balance between performance, capacity and power savings for a wide range of applications while maintaining a highly scalable, cost-effective storage solution."

Storage Optimized Building Block Solutions

Cloud-based Cold Storage with Drive Spin Down

- A1SA7-2550, 1x Intel® Atom(TM) (4-cores), up to 64GB, 12x 3.5" HDDs, 1GbE, redundant 400W power supplies

Online, Low-Tier, Scale-Out Storage (SSG-5018A-AR12L [http://www.supermicro.com/products/system/1U/5018/SSG-5018A-AR12L.cfm?parts=SHOW])

- A1SA7-2750, 1x Intel® Atom(TM) (8-cores), up to 64GB, 12x 3.5" HDDs, 10GbE add-on-card, redundant 400W power supplies

Big Data Platform or Data Lake for Analytics, Scale-Out, Object Storage Platform in Cloud Environments

- X10SL7, 1x Intel® Xeon® E3-1200 v3 series (4-cores), up to 32GB, 12x 3.5" HDDs, 10GbE add-on-card, redundant 400W power supplies

Big Data Analytics and native Hadoop 2.0 real time applications

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--  X9SRH-TPF, 1x Intel® Xeon® E5-1600/2600 v2 series (6-12 cores), up to

    256GB ECC LR/RDIM or 64GB ECC UDIMM, 12x 3.5" HDDs, onboard 10GbE SFP+,

    redundant 600W power supplies
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For more information on Supermicro's full range of Storage solutions, visit www.supermicro.com/Storage [http://www.supermicro.com/Storage].

About Super Micro Computer, Inc.

Supermicro® , 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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