

Netlist Introduces Industry's Highest Performing NVDIMM

August 4, 2014

IRVINE, CA -- (Marketwired) -- 08/04/14 -- Netlist, Inc. (NASDAQ: NLST), a leading provider of high performance memory storage solutions for the cloud computing and storage markets, today announced the introduction of its NVvault™ DDR3 high performance NVDIMM product family compatible on selected Intel-based Ivy Bridge server boards. This new product family is built upon Netlist's patented IP, expertise and technical know-how in hybrid (DRAM to FLASH) DIMM technology, which includes close to a decade of delivering NVDIMMs to leading storage OEMs.

Netlist's NVvault™ NVDIMM combines the best attributes of DRAM and NAND Flash with advanced system interface architecture on a DIMM subsystem to provide a 2DPC 1600MT/s performance. With a JEDEC standard DDR3 interface, NVvault™ NVDIMM is fully compatible with the Supermicro® X9DRH-iF-NV server board, which features two Intel® E5-2600 processors, Intel ADR (Asynchronous DRAM Refresh) chipset and 16 DIMM sockets. As a result, NVDIMMs and Registered DIMMs can be mixed in the same channel, making the DIMMs truly plug-and-play with MRC from Intel.

"Our high performance NVvault™ products offer a robust feature set that places us at the forefront of the converging memory and storage technologies," said C.K. Hong, President and CEO of Netlist. "We are proud to have invented the first hybrid memory module close to a decade ago and we continue to deliver innovations that bridge the gap between memory and storage."

"Supermicro Green Computing solutions provide customers with leading edge, performance enhanced technologies that help them drive and expand business," said Wally Liaw, Sr. Vice President of Sales at Supermicro. "With our growing range of server and storage platforms supporting Netlist NVvault DDR3 NVDIMM technology we are delivering robust, high-availability computing solutions, ready for the most challenging mission critical, data sensitive applications."

NVvault™ dramatically improves performance in applications such as metadata, indexing, cache, storage, logging, message queuing, on-line transactions, batch processing and RAID applications requiring higher throughput, while providing fault tolerant data integrity. These applications are important to hyperscale computing environments focused on big data analytics, cloud computing, high performance databases and low latency applications such as high frequency trading. NVvault™ NVDIMMs utilize Netlist's patented NVvault™ controller and work in conjunction with general purpose JEDEC DDR3 RDIMMs, CPUs and other devices.

Key competitive attributes of the NVvault™ DDR3 NVDIMM product family include:

- Highest performance in the industry
- Low energy super-cap allowing for compact power module unit enabling 8GB in 1U systems
- Extensive health monitoring, management and control features to support proactive system wellness
- Planar JEDEC form factor to fit in all server types
- Any two DIMMs in the system channel operate together at 1600MTs

Netlist will be at the Flash Memory Summit taking place at the Santa Clara, CA, Convention Center on August 5, 6 and 7, 2014. At the summit Netlist will showcase its NVvault™ DDR3 NVDIMM product family and participate in a Hands-on Lab. Netlist will be located at booth #120 during the summit.

Netlist's lineup of DDR3-1600 Registered NVDIMMs range in density from 4GB to 8GB. The ordering table is below.

Part Number	Density	Config	Voltage	Height
NV3448HAMA1-742NL000	4GB	1Rx8	1.5V	30mm
NV3448HAMA6-742NL000	4GB	1Rx8	1.35V	30mm
NV3848HAT18-000NL000	8GB	2Rx8	1.5V	30mm
NV3848HAT17-000NL000	8GB	2Rx8	1.35V	30mm

Netlist is currently sampling NVvault™ DDR3 to qualified customers. Samples can be requested by visiting www.netlist.com. NVvault™ information can be obtained by downloading NVDIMM technical briefs by visiting www.netlist.com.

About Netlist:

Netlist, Inc. designs and manufactures high-performance, logic-based memory subsystems for server and storage applications for cloud computing. Netlist's flagship products include NVvault™ and EXPRESSvault™ family of products that significantly accelerate system performance and provide mission critical fault tolerance. Netlist has steadily invested in and grown its IP portfolio, which now includes 51 issued patents and more than 30 U.S. and foreign pending patent applications in the areas of high performance memory and hybrid memory technologies.

Netlist develops technology solutions for customer applications in which high-speed, high-capacity, small form factor and efficient heat dissipation are key requirements for system memory. These customers include OEMs that design and build tower, rack-mounted, and blade servers, high-performance computing clusters, engineering workstations and telecommunications equipment. Founded in 2000, Netlist is headquartered in Irvine, CA with manufacturing facilities in Suzhou, People's Republic of China. Learn more at www.netlist.com.

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. For more information on Supermicro solutions, visit www.supermicro.com.

Safe Harbor Statement:

This news release contains forward-looking statements regarding future events and the future performance of Netlist. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those expected or projected. These risks and uncertainties include, but are not limited to, risks associated with the launch and commercial success of our products, programs and technologies; the success of product partnerships; continuing development, qualification and volume production of EXPRESSvault™, NVvault™, HyperCloud® and VLP Planar-X RDIMM; the timing and magnitude of the anticipated decrease in sales to our key customer; our ability to leverage our NVvault™ technology in a more diverse customer base; the rapidly-changing nature of technology; risks associated with intellectual property, including patent infringement litigation against us as well as the costs and unpredictability of litigation over

infringement of our intellectual property and the possibility of our patents being reexamined by the United States Patent and Trademark office; volatility in the pricing of DRAM ICs and NAND; changes in and uncertainty of customer acceptance of, and demand for, our existing products and products under development, including uncertainty of and/or delays in product orders and product qualifications; delays in the Company's and its customers' product releases and development; introductions of new products by competitors; changes in end-user demand for technology solutions; the Company's ability to attract and retain skilled personnel; the Company's reliance on suppliers of critical components and vendors in the supply chain; fluctuations in the market price of critical components; evolving industry standards; and the political and regulatory environment in the People's Republic of China. Other risks and uncertainties are described in the Company's annual report on Form 10-K filed on March 18, 2014, and subsequent filings with the U.S. Securities and Exchange Commission made by the Company from time to time. Except as required by law, Netlist undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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Source: Netlist, Inc.