

# Netlist And Supermicro Deliver Breakthrough Application Acceleration Using Netlist Non-Volatile Memory Products

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IRVINE, Calif., Feb. 23, 2016 /PRNewswire/ -- Netlist, Inc. (NASDAQ: NLST), announced today a breakthrough in application acceleration using non-volatile memory (NVDIMM) products together with Supermicro Computer, Inc. (NASDAQ:SMCI) at FAST'16, the 14<sup>th</sup> USENIX Conference in Santa Clara, California. Netlist's NV4 NVDIMMs held application data using a NoSQL Key-Value store powered by a Supermicro SuperServer® system to demonstrate a 200% performance increase over the fastest PCIe NAND devices. Key-Value store, used in NoSQL Database environments including cloud computing, social media platforms, and other datacenter applications can provide superior performance with data persistence when used with Netlist NV4 NVDIMMs.

"We are proud to showcase the end-user benefits from our collaboration with Supermicro. Netlist's non-volatile memory solutions combined with the power of Supermicro servers bring tangible performance increases that can be utilized today," said Brian Peterson, SVP of Sales and Marketing at Netlist. "Our work with Supermicro shows the type of application performance increases which drove the adoption of SSDs and can now be surpassed with the use of NV4 non-volatile memory from Netlist."

"Supermicro leads the industry in support of non-volatile memory development with the expansion of our X10 generation platforms optimized for DDR4 memory technology and support to over 60 Intel Xeon Processors. Our collaboration with Netlist drives customer awareness of the significant performance benefits of NVDIMM technology and we are pleased to see an acceleration in customer adoption." said Don Clegg, Vice President of Marketing and Business Development at Supermicro.

This demonstration of breakthrough performance comes on the heels of other high performance watermarks achieved by Netlist in recent months:

- Netlist doubled the bandwidth performance of CEPH by using its next generation EXPRESSvault product (EV3).
- Netlist showcased 5x performance for transaction-based workloads using its recently introduced next generation NVvault product (NV4).

## About Netlist, Inc.

Netlist creates solutions that accelerate turning data into information. We design and manufacture controller and software-based memory solutions for our OEM and Hyperscale customers in the server and storage space. Flagship products NVvault® and EXPRESSvault™ accelerate system performance and provide mission critical fault tolerance. HyperVault®, Netlist's next-generation architecture, expands the performance and capacity of memory channel storage. The company holds a portfolio of patents, many seminal, in the area of hybrid memory, rank multiplication and load-reduction, among others. To learn more, visit [www.netlist.com](http://www.netlist.com).

## About Super Micro Computer, Inc.

Supermicro® (NASDAQ: SMCI), a global leader in high performance, high efficiency server technology and innovation is a premier provider of end-to-end green computing solutions for Data Center, Cloud Computing, Enterprise IT, Hadoop/Big Data, HPC and Embedded Systems worldwide. Supermicro extends support to well over 60 Intel Xeon processors through the E5-2600 family based server, storage, and dual processor motherboard solutions which includes the latest Ultra Enterprise 1U/2U 24x NVMe and 48x NVMe systems along with the Twin, TwinPro, FatTwin, Workstation, and GPU solutions. To learn more, visit [www.supermicro.com](http://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; our capital resources; the success of product partnerships; continuing development, qualification and volume production of HyperVault™, EXPRESSvault™, NVvault®, HyperCloud® and VLP Planar-X RDIMM; the timing and magnitude of the decrease in sales; our ability to leverage our NVvault® and EXPRESSvault™ technology in a more diverse customer base; the rapidly-changing nature of technology; risks associated with intellectual property, including risks associated with the inherent uncertainty of the litigation process; 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 27, 2015, 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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