

# Netlist Showcases NVDIMM Breakthrough - 5X Real World Application Performance - at the NVM Summit

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IRVINE, Calif., Jan. 20, 2016 /PRNewswire/ -- Netlist, Inc. (NASDAQ: NLST), introduced its NVvault® DDR4 NVDIMM (NV4) at the 4<sup>th</sup> Annual Storage Networking Industry Association (SNIA) Non Volatile Memory (NVM) Summit in San Jose, CA today. At this event, Netlist will demonstrate the performance difference between Netlist's NV4 and an industry leading PCIe NVME NAND device. The demonstration runs an industry standard transaction processing benchmark (Percona TPC-C) on a MySQL database. The Netlist NV4 system showcases a 5X increase in Transactions Per Minute in this emulation of a complex enterprise environment.



# NETLIST

"Transacting more business per minute is imperative for both enterprise organizations and cloud service providers," said Mat Young, VP Marketing at Netlist. "Our latest non-volatile DIMM technology provides breakthrough levels of performance and shows off the extraordinary potential of Storage Class Memory on real world applications."

Alex Alexander, CEO and Co-Founder of SpringbokSQL, supplier of the world's fastest MySQL appliances said "It's great to see Netlist showing workload performance on applications rather than the usual IOPS display. The performance achieved with Non-Volatile Memory is revolutionary, just like NAND was to Hard Disk Drives. We look forward to working further with Netlist products to see what other breakthroughs can be achieved."

Netlist invented the NVDIMM almost a decade ago and since then, it has shipped over a half million units, more than every other supplier combined. Netlist holds over 27 issued and pending patents on the technology, many of which are seminal covering the fundamental architecture of NVDIMM.

Netlist is a member of the Storage Networking Industry Association (SNIA) and will have architects available throughout the demonstrations at the NVM Summit to answer questions about applications, performance and the Netlist portfolio of products.

#### **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).

#### **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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