Netlist Demonstrates Superiority Of Hypercloud Memory Over LRDIMM At Supercomputing 2012

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IRVINE, CA -- (Marketwire) -- 11/12/12 -- Netlist, Inc. (NASDAQ: NLST), a leading provider of high performance memory solutions for the cloud computing market, will demonstrate a comprehensive performance benchmark of its flagship memory product, HyperCloud (HCDIMM), at the SuperComputing Conference.

The demo will consist of a comparison of two Intel Romley-based servers both running SANDRA 2012 by SiSoftware. SANDRA benchmark measures sustained memory bandwidth, not burst or peak, and is therefore directly applicable to many HPC software programs where data throughput is paramount. One server will be equipped with 768GB of the industry standard 1333MHz 32GB LRDIMMs and the second server with the same amount of HyperCloud 32GB HCDIMMs.

The benchmark results show a 39% greater throughput for the server with HyperCloud memory compared to the server equipped with LRDIMMs. Since both systems ran SANDRA fully loaded with three DIMMs per memory channel at the same frequency of 1333MHz, the 39% advantage can clearly be attributed to the lower latency and higher performance of the HyperCloud memory system.

HyperCloud memory utilizes a distributed buffer architecture to reduce latency and incorporates Netlist's patented rank multiplication and load reduction technologies. Rank multiplication enables more DRAM capacity and load reduction reduces the loading to the memory interface allowing HCDIMMs to run at faster speeds at maximum capacity.

"As companies today increasingly process and capitalize on big data, there's an increasing need for more memory in servers. However, memory performance in these servers is not keeping pace with processor technology, creating a high density memory cliff," said C.K. Hong, CEO of Netlist. "HyperCloud breaks this bottleneck and allows servers to operate at their peak potential. By doing so, HyperCloud increases performances of applications in such key areas as securities trading, analytics, virtualization, and simulation."

HyperCloud is shipping in volume with the world's top three selling servers from IBM and HP, and is implemented across a number of high-performance computing applications in industries such as electronic design automation, financial services, oil & gas, aerospace and automotive.

Additional information on Netlist's HyperCloud technology can be found at www.netlist.com/hypercloud.

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 HyperCloud?, a patented memory technology that breaks traditional memory barriers, NVvault? family of products that enables data retention during power interruption, EXPRESSvault?, a PCI Express backup/recovery solution for cache data protection and a broad portfolio of industrial Flash

and specialty memory subsystems including VLP (very low profile) DIMMs and Planar-X RDIMMs.

Netlist develops technology solutions for customer applications in which high-speed, high-capacity, small form factor and 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 and an engineering design center in Silicon Valley, CA. Learn more at 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; the success of product partnerships; continuing development, qualification and volume production of EXPRESSvault?, NVvault?, HyperCloud? and VLP Planar-X RDIMM; the rapidly-changing nature of technology; risks associated with intellectual property, including the costs and unpredictability of litigation over infringement of our intellectual property and the possibility of the Company's patents being re-examined 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 February 28, 2012, 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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