

# HyperCloud Memory Helps Break the 1 Million Transaction per Minute Barrier in Virtualized x86-64 Benchmark Performance

February 28, 2013

IRVINE, CA -- (Marketwire) -- 02/28/13 -- Netlist, Inc. (NASDAQ: NLST), a leading provider of high performance memory solutions for the cloud computing market, announced that its 32GB HyperCloud HCDIMM memory was an integral part of a system which broke the one million transaction per minute barrier in TPC Benchmark C testing.

Along with the latest server hardware technologies and Linux software running Hypervisor on an x86 platform, 768GB of HyperCloud memory enabled a server system for the first time to surpass the one million transaction per minute barrier in a virtualized x86 platform.

"The Transaction Processing Council is one of the most respected benchmarking organizations in the server and supercomputing industry. We're very pleased to have HyperCloud memory be part of a record-setting performance as measured and recorded by TPC-C," said C.K. Hong, CEO of Netlist.

The TPC-C benchmark results can be accessed via our blog: <http://www.netlist.com/media/blog/breakthrough-tpc-c-results-with-768gb-of-hypercloud/>

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.

HCDIMMs allow servers to operate at their peak potential by speeding up the transfer of data between CPU and memory. HyperCloud increases performance in such key applications as analytics, simulation and as shown by this benchmark, virtualization.

Additional information on Netlist's HyperCloud technology can be found at [www.netlist.com/hypercloud](http://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](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; 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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Source: Netlist, Inc.