

# Netlist Receives Notices of Allowance for Additional Hypercloud Patents

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USPTO issues notices of allowance for three new patents further extending Netlist's patent protection of its Rank Multiplication and Load Reduction memory innovations

IRVINE, Calif., Nov. 2, 2011 /PRNewswire/ -- Netlist, Inc. (NASDAQ: NLST), a designer and manufacturer of high-performance memory subsystems, today announced that the U.S. Patent and Trademark Office (USPTO) has recently issued notices of allowance to Netlist for three patent applications. These patents will provide the Company with enhanced intellectual property protection of its Rank Multiplication and Load Reduction technologies that represent key enabling innovations for HyperCloud™ products and the next generation cloud computing systems. The USPTO has issued these notices of allowance after taking into consideration more than 300 references and publications.

Chief Executive Officer C.K. Hong said, "The Notices of Allowances for these newly allowed patent applications included explicit affirmations that the claims of these cases are patentable over the cited references and publications from the reexams currently being conducted for other Netlist patents. This set of allowances by the USPTO strengthens our growing intellectual property portfolio in a unique way and provides the ability to further protect these innovative technologies that are key to HyperCloud products."

HyperCloud products provide economic and performance advantages that overcome inherent memory and speed limitations of existing multi-core CPU servers, addressing cloud scale server virtualization, high performance computing and big data analytics.

The newly issued notices of allowances are for the following patent applications:

**U.S. Patent Application No. 12/954,492** a continuation of U.S. Patent No. 7,864,627, entitled "Circuit for Providing Chip-Select Signals to a Plurality of Ranks of a DDR Memory Module,"

**U.S. Patent Application No. 13/032,470**, a continuation of U.S. Patent No. 7,916,574, entitled "Circuit for Memory Module,"

**U.S. Patent Application No. 12/981,380**, a continuation of U.S. Patent No. 7,881,150, entitled "Circuit Providing Load Isolation and Memory Domain Translation for Memory Module."

## **About Netlist:**

Netlist, Inc. designs and manufactures a wide variety of high-performance, logic-based memory subsystems for global datacenter and high-performance computing and communications markets. Netlist's flagship products include HyperCloud™, a memory module that breaks traditional memory barriers; the NVvault™ family of products including NVvault™ battery-free, a flash memory-based subsystem that enables data retention for weeks following a disaster, and EXPRESSvault™, a PCI Express backup and recovery solution for cache data protection; and a robust portfolio of high performance and specialty DIMMs including HyperStream, a low latency memory module, and the

16GB, 4Rank, very low profile Planar-X RDIMM, which helps reduce power consumption in servers using the Company's patented Planar-X technology.

The memory products are developed for applications in which high-speed, high-capacity memory, enhanced functionality, small form factor and heat dissipation are key requirements. These applications include tower servers, rack-mounted servers, 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](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, continuing development, qualification and volume production of EXPRESSvault™, NVvault™, HyperCloud™, HyperStream 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; 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, dated March 3, 2011, 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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