

# Netlist Awarded Additional Patents for Hypercloud™ Memory Innovations

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## **Three new patents further extend Netlist's patent protection of rank multiplication and load reduction innovations**

IRVINE, Calif., March 29, 2011 /PRNewswire/ -- Netlist, Inc. (Nasdaq: NLST), a designer and manufacturer of high-performance memory subsystems, today announced that the United States Patent and Trademark Office has recently issued to Netlist U.S. Patent No. 7,864,627 entitled "Memory Module Decoder," U.S. Patent No 7,881,150 entitled "Circuit Providing Load Isolation and Memory Domain Translation for Memory Module," and U.S. Patent No 7,916,574, a continuation of the '150.

These patents add to Netlist's growing intellectual property portfolio protecting the Company's HyperCloud™ innovations that utilize Rank Multiplication and Load Reduction Technologies. The '627 patent further extends the Company's intellectual property claims related to rank multiplication. Rank multiplication technology used in 16GB HyperCloud memory modules enables more DRAM capacity in standard two processor servers. In addition, rank multiplication technology provides HyperCloud the advantage of implementation using mainstream 2Gb DRAM versus 4Gb DRAM for 16GB 2 Rank RDIMM capacities. The '150 and the '574 patents expand the Company's intellectual property claims related to rank multiplication when used in combination with load reduction technology. Load reduction reduces the loading to the memory interface thus allowing HyperCloud modules to run at faster speeds with increased capacity.

"These three new patents reinforce Netlist's intellectual property position related to our high performance, high density HyperCloud memory modules and chipset technology," said C.K. Hong, President and CEO at Netlist. "This achievement strengthens our leadership position in memory technologies that increase capacity and performance in servers."

### **About Netlist:**

Netlist, Inc. designs and manufactures high-performance, logic-based memory subsystems for datacenter server and high-performance computing and communications markets. Netlist's flagship products include HyperCloud™ Memory, which breaks traditional memory barriers and the Netlist Vault Family which includes NVvault™ and ExpressVault™ a flash memory-based subsystem that enables data retention weeks following a disaster. The memory technologies 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 telecommunication equipment. Founded in 2000, Netlist is headquartered in Irvine, California with manufacturing facilities in Suzhou, People's Republic of China. For more information, visit the Company's website 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 NVvault™ and HyperCloud™; the rapidly-changing nature of technology; risks associated with intellectual property, including the costs and unpredictability of litigation over infringement of the Company's 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, the Company's 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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SOURCE Netlist, Inc.

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