

# Netlist Awarded Patent on Hybrid Memory

November 1, 2012

## 8,301,833 Patent Covers Fundamentals in Data Protection

IRVINE, CA -- (Marketwire) -- 11/01/12 -- Netlist, Inc. (NASDAQ: NLST), a leading provider of high performance memory solutions for the cloud computing market, announced that the United States Patent and Trademark Office (USPTO) has recently issued to Netlist -- U.S. Patent No. 8,301,833 ('833) entitled "Non-Volatile Memory Module."

The '833 patent covers fundamentals of hybrid memory subsystems. Netlist has been a leader for many years in the field of hybrid memory, a technology that combines flash and DRAMs to prevent loss of critical data by transferring data from volatile to non-volatile memory. Netlist is the only supplier to have shipped high volumes of memory subsystems (e.g. NVvault? and EXPRESSvault?) using this technology to major server and storage customers.

NVvault? is a plug-and-play DDR2/DDR3 DIMM solution which lowers data center TCO through reduced system downtime and elimination of battery maintenance. EXPRESSvault? plugs into a PCIe slot with the same functionality and the same benefit of expanded write life cycles. These improved data protection solutions provide high throughput and fast access times with low latency read and write transactions. Enterprise customers using NVvault? and EXPRESSvault? are able to reliably recover critical data following a system power outage, while traditional solutions can only preserve data for a limited period of time.

"We are pleased that the USPTO has granted Netlist this patent which we believe to be seminal in the area of hybrid memory data protection," said Netlist CEO, C.K. Hong. "This patent validates our historical market leadership for solutions that protect critical data in enterprise systems. Today, as many companies' servers and storage systems are being brought back on-line after power outages, our technology is helping to facilitate the recovery of mission critical data in these enterprises."

### 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.

For more information, please contact:

Brainerd Communicators, Inc.  
Corey Kinger/Mike Smargiassi (investors)  
Sharon Oh (media)  
[NLST@braincomm.com](mailto:NLST@braincomm.com)  
(212) 986-6667

Nov 01, 2012