

# Netlist Introduces 16gb, 4Rank Very Low Profile Planar-X RDIMM

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## High density memory module improves server blade and storage system economics

IRVINE, Calif., Aug. 2, 2011 /PRNewswire/ -- [Netlist, Inc.](#) (Nasdaq: NLST), a designer and manufacturer of high-performance memory subsystems, today introduced its 16GB, 4Rank very low profile (VLP) Planar-X RDIMM. Netlist's new 16GB, 4Rank VLP Planar-X RDIMM helps to reduce power consumption in today's servers by operating at 1.35V, consuming 19 percent less power than 1.5V modules. By enhancing overall performance while reducing operation costs, the module is ideal for server blades, Storage Bridge-Bay (SBB) applications, telecom servers, switches and routers.

"By leveraging our intellectual property portfolio, Netlist continues to deliver high-performance memory products beyond the limits of standard, commodity DRAMs," said Steve McClure, vice president of worldwide sales and marketing for Netlist. "With datacenters demanding more compute capability per unit volume, our 16GB VLP memory module enables OEM customers to provide Storage Bridge Bay and Blade servers with greater memory density using mainstream 2Gb DRAM."

Netlist's new 16GB, 4Rank VLP module enables high-memory density by leveraging the benefits of the Company's patented Planar-X technology. The innovative circuit design of Planar-X boards allows twice the number of DRAM components within standard DIMM dimensions using two printed circuit boards connected by a flex circuit. This enables the use of 72 2Gb DRAM in 36 4Gb dual die packages instead of 36 4Gb DRAM in 18 8Gb dual die packages thereby lowering the overall cost of the module while achieving the same capacity as a standard 16GB 4Rank VLP RDIMM module.

This product joins Netlist's robust portfolio of VLP RDIMMs and UDIMMs for DDR3, and legacy DDR1/ DDR2 technologies.

Netlist is now sampling lead customers. For additional information on Netlist's 16GB VLP RDIMM memory module, please visit [www.netlist.com/vlp](http://www.netlist.com/vlp).

## 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™, a memory module that breaks traditional memory barriers, and the NVvault™ family of products, including NVvault™ battery-free, 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 EXPRESSvault™, NVvault™ and HyperCloud™; 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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