

# Netlist Demonstrates Industry's First 32gb Hypercloud Memory Module With Cirrascale's Blade Server at SC11

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Cirrascale Server, With Future Intel(R) Xeon(R) E5 Family Processors, Demonstrates New 32GB Virtual Dual Rank HyperCloud RDIMM

SEATTLE, WA -- (Marketwire) -- 11/15/11 -- Netlist, Inc. (NASDAQ: NLST), a designer and manufacturer of high-performance memory subsystems, today is demonstrating the industry's first 32GB virtual dual rank (2vR) HyperCloud<sup>®</sup> memory module. For this demonstration, Cirrascale's premiere blade server was configured with future Intel<sup>®</sup> Xeon<sup>®</sup> E5 family processors and HyperCloud memory. The demonstration of the 32GB HyperCloud module, which enables an unprecedented 768GB of RDIMM memory capacity in two-processor servers, successfully validates its readiness for use in next generation devices.

"Customers running memory intensive applications, such as electronic design automation and simulations used in the discovery of oil and gas deposits are requiring more computing power and, as a result, more memory," said Dave Driggers, founder, CEO and CTO of Cirrascale. "Netlist has developed an ideal solution that not only achieves higher performance, but also maximizes the use of existing technologies, allowing us to differentiate our server offering."

"For high-performance computing applications, HyperCloud memory offers performance advantages of more than 20 percent compared to alternative technologies in two-processor servers," said Steve McClure, vice president of worldwide sales and marketing at Netlist. "Demonstrating the industry's first 32GB 2vR RDIMM operating with next generation server and processor technology solidifies our leadership position and highlights the benefits of Netlist's unique memory technologies over other memory solutions."

The 32GB 2vR HyperCloud RDIMM combines Netlist's patented rank multiplication and load reduction technology with widely available 4Gb DRAM. Netlist's innovative Planar-X technology further enables cost-effective packaging of 72 4Gb DRAMs into a standard RDIMM form-factor, producing the lowest-cost, highest-density DRAM server module in the market. This makes HyperCloud memory ideal for high performance computing (HPC) segments such as electronic design automation (EDA), oil and gas simulations, automotive and aerospace engineering, and financial services -- especially high-speed trading and simulation platforms.

Netlist is showcasing its 32GB 2vR HyperCloud RDIMM with Cirrascale at SC11 in booth number 2625 this week.

Additional information on Netlist's 32GB Virtual Dual Rank HyperCloud Planar-X RDIMM can be found at [www.netlist.com/hypercloud](http://www.netlist.com/hypercloud).

Additional information on Cirrascale's products can be found at <http://cirrascale.com>.

## **About Cirrascale:**

Cirrascale Corporation is a premier developer of blade-based cloud computing and storage platforms for conventional and containerized data centers. Cirrascale provides the industry's most

energy-efficient and reliable standards-based solutions with the lowest possible total cost of ownership in the absolute densest form factor due to its patented Vertical Cooling Technology. Cirrascale sells to large-scale infrastructure operators, hosting and managed services providers, Cloud Service Providers, and HPC users. Cirrascale also licenses its award winning technology to partners globally. To learn more about Cirrascale and its unique data center infrastructure solutions, please visit <http://www.cirrascale.com> or call (888) 942-3800.

**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 robust portfolio of high performance and specialty memory subsystems including HyperStream, 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 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, 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?, 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 quarterly report on Form 10-Q for the quarter ended October 1, 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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