

Cirrascale Qualifies Hypercloud™ Memory on Blade Server

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HyperCloud memory improves EDA simulation runtime, speeding complex semiconductor development cycles and reducing design risk

IRVINE, Calif., April 28, 2011 /PRNewswire/ -- [Netlist, Inc.](#) (Nasdaq: NLST), a designer and manufacturer of high-performance memory subsystems, today announced that its 8GB and 16GB HyperCloud™ memory modules are qualified by [Cirrascale](#), a premier developer of build-to-order, independent blade-based computing and storage data center infrastructures. Qualified specifically on Cirrascale's VB1325 blade server, HyperCloud supports memory intensive applications such as electronic design automation (EDA) and high performance computing (HPC) simulations. In addition, EDA and cloud computing thought leader Deopli Corporation benchmarked Cirrascale's HyperCloud configured server showing significant performance improvements.

"With HyperCloud memory, we are now able to improve simulation productivity for our customers while supporting the increased test demands of memory intensive EDA applications," said Dave Driggers, founder, CEO and CTO of Cirrascale. "HyperCloud ensures that we are maximizing server utilization, which in turn helps us to run more complex simulation models than ever before on a 2P server. The integration of HyperCloud positions us to support and develop new levels of HPC with increased performance gains for our customers on industry standard servers."

Higher memory capacities and speeds allow faster simulation times in HPC applications such as EDA. This performance benefit can increase productivity, improve design cycle times and reduce design risk.

"Cirrascale's VB1325 running 288GB at 1333MT/s allowed us to benchmark the performance gains EDA users can expect to see when using HyperCloud," said Scott Clark, president and CEO of Deopli Corporation. "With Cirrascale's HyperCloud configuration, simulation runtimes of memory intensive applications can be reduced on average by 15%. This has the potential to accelerate key portions of the design cycle, thereby reducing design risk and delivering more efficient use of the very expensive backend tools during System On Chip runs. Cirrascale's HyperCloud configuration will enable designs to successfully complete with fewer licenses. The cost of most of these licenses are in the hundreds of thousands of dollars. Therefore the avoidance of purchasing a single license will deliver an immediate ROI."

"Cirrascale's qualification and Deopli's EDA runtime benchmarks of HyperCloud highlight the significant end user benefits that HyperCloud delivers to HPC," said Steve McClure vice president of worldwide sales and marketing of Netlist. "HyperCloud breaks traditional memory speed and capacity limitations. Delivering 288GB at 1333MT/s in a dual Intel 5600 processor server provides Cirrascale's EDA customers a significant advantage in time to market and total project costs by reducing simulation runtimes."

Cirrascale is currently in production with its VB1325 server blade, offering 8GB and 16GB HyperCloud memory. Additional information on Cirrascale's VB1325 can be found at <http://cirrascale.com/serverblades.asp>.

Additional information on Netlist's HyperCloud, and the Deopli whitepaper entitled "Mastering EDA Environments with High Performance Memory Technology" can be found at www.netlist.com/hypercloud.

About Cirrascale:

Cirrascale Corporation is a premier developer of independent blade-based cloud computing and cloud storage platforms for conventional and containerized data centers that are defining a new era in the green data center. 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 directly to large-scale infrastructure operators and managed services providers, and through resellers and distributors to HPC and Cloud segments. Cirrascale also licenses its award winning systems-level designs to technology 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 Deopli:

Deopli is one of the foremost thought leaders in the EDA infrastructure and cloud computing space. Composed of highly-trained personnel, equipped with technology and experience, operating under principles of self-sufficiency, technical competence, speed, efficiency and close teamwork. Providing advisory and consulting services to EDA companies with respect to their HPC environments, they also conduct specialized operations including reconnaissance, strategy definition, tactical definition and resource training. In addition, Deopli executes non-operational, high-risk tasks to achieve significant strategic objectives. Deopli is headquartered in Irvine, California. For more information, visit www.deopli.com.

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 NetVault, 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, telecommunication equipment, and other Industrial grade applications. 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.

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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