

# NEC Qualifies Netlist's Hypercloud™ Memory

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## **HyperCloud memory available to NEC LX Series high performance computing customers**

IRVINE, Calif., July 20, 2011 /PRNewswire/ -- [Netlist, Inc.](#) (Nasdaq: NLST), a designer and manufacturer of high-performance memory subsystems, today announced that its HyperCloud™ Memory module is qualified and available from NEC in the compute server of the LX Series. NEC's LX Series is a market leading scalable compute cluster resource and is delivered as a complete turnkey solution to the customer. The integration of HyperCloud memory enables optimal server utilization, overcomes memory bottlenecks and supports the deployment of various high-performance computing (HPC) applications challenging industry, academia and research.

"HyperCloud unleashes an unprecedented level of compute performance by increasing the available high-speed memory and thus reducing the need to access data from disk when our servers are deployed on complex modeling tasks," said Dr. Andreas Findling, Senior Product Line Manager at NEC Deutschland GmbH. "Our high performance computing customers demand the highest performance systems while maintaining cost consciousness – with HyperCloud we can deliver this combination for memory intensive applications."

HyperCloud leverages the benefits of Netlist's patented load reduction and rank multiplication technology to improve overall performance. This optimization improves datacenter economics associated with memory intensive, high-performance computing applications, including virtualization, cloud computing and storage. HyperCloud improves performance while lowering operating and capital expenses in datacenters and increases utility out of new and existing datacenter infrastructures.

"We are excited to add market leading NEC to the growing number of HyperCloud qualifications," said Steve McClure, vice president of worldwide sales and marketing at Netlist. "NEC's LX Series combined with HyperCloud provides HPC users with one of the industry's highest performance, cost efficient scalable compute solutions available today."

Additional information on Netlist's HyperCloud can be found at [www.netlist.com/hypercloud](http://www.netlist.com/hypercloud).

NEC's LX Series with its products LX-2200, LX-2400 and LX-4000 offer tailored HPC solutions with focus on sustained performance computing. Optimizing components like the InfiniBand network, NEC MPI/LX, LX C3 and LXFS and optimized component interaction achieve outstanding performance for production load. Additional information on NEC's LX Series can be found at [www.nec.com/de](http://www.nec.com/de).

### **About NEC Deutschland GmbH:**

NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. NEC Deutschland GmbH, formed in 1987 with its head office in Dusseldorf, Germany, is a wholly subsidiary of NEC Europe Ltd. Its product portfolio encompasses supercomputers and high-performance computing,

telecommunication and IT solutions, as well as biometric security solutions for enterprises and public institutions. Further information is available on the Internet at [www.nec.com/de](http://www.nec.com/de).

### **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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SOURCE Netlist, Inc.

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