

Netlist Expands Data Protection Product Line With EXPRESSvault™

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EXPRESSvault accelerates system performance by delivering PCI Express backup & recovery solution for cache data protection

IRVINE, Calif., March 15, 2011 /PRNewswire/ -- [Netlist, Inc.](#) (Nasdaq: NLST), a designer and manufacturer of high-performance memory subsystems, today expands its data protection product line with EXPRESSvault™, a PCI Express backup and recovery solution for cache data protection. EXPRESSvault combines the memory performance of DRAM and non-volatility of flash to deliver the high data throughput required by cache backup applications without degrading system performance. Leveraging Netlist's proven NVvault™ (formerly known as NetVault) flash backup subsystem controller, EXPRESSvault provides reliable backup and recovery while eliminating the expense, maintenance and performance degradation associated with traditional battery backup schemes.

EXPRESSvault is ideal for applications requiring backup of cache data or state information such as storage virtualization, RAID storage, and journaling applications requiring fast, reliable data preservation and recovery following power failures or system faults.

"Downstream data backup and recovery is well understood and is generally about long-term data protection; but cache data protection is typically about short-term application recovery and as such it presents particular challenges," said Mark Peters, senior analyst at Enterprise Strategy Group. "Not only does it demand extremely fast hardware to backup vital data during a power failure, but it also requires near instantaneous recovery of critical system data once power is restored. Netlist's EXPRESSvault combines DRAM, flash, and ultracapacitor technologies to provide an automated, efficient, and cost-effective cache backup and recovery solution designed to deliver precisely this mix of attributes."

"By expanding our cache protection line with EXPRESSvault, we can now provide our customers a high performance solution in a standard PCIe form-factor," said Steve McClure, vice president of worldwide sales and marketing at Netlist. "EXPRESSvault combines the speed and performance of DRAM, with the non-volatility of flash for reliable backup and recovery in the event of a system failure without degrading normal system operation."

EXPRESSvault is a plug and play high-performance data protection solution featuring 50k IOPS and 1.3 GB/s throughput. The combination of DRAM and flash with an ultracapacitor optimizes performance, eliminates field servicing, and has an extended useful life compared to traditional battery-backed DRAM solutions.

Netlist is now sampling EXPRESSvault which includes a PCIe (x8 lane) adapter card with power module unit and a Linux reference driver. EXPRESSvault is priced at \$299 in 5k unit volumes. Additional EXPRESSvault information is available at the Netlist website: <http://www.netlist.com/vault>.

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 NVvault (formerly known as 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, 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.

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; 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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