

# Netlist Expands Embedded Flash Portfolio With New Mini PCI Express SSD

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## Mini PCIe SSD Provides Higher Capacity Storage for Datacenter Server, Networking and Storage Equipment in a Smaller Form Factor

IRVINE, Calif., June 8, 2011 /PRNewswire/ -- [Netlist, Inc.](#) (Nasdaq: NLST), a designer and manufacturer of high-performance memory subsystems, today announced the expansion of its Embedded Flash product portfolio with the new mini PCI Express (PCIe) SSD. Featuring a smaller form factor, the mini PCIe SSD offers storage capacity of up to 128GB with multi-level cell (MLC) Flash and up to 64GB with single-level cell (SLC) Flash. Small form factor support for ultra-dense applications makes the PCIe SSD ideal for datacenter servers, networking, storage equipment, and other embedded applications.

"Netlist's expanding and innovative Flash product portfolio continues to address space constraints that occur in both cloud datacenter and enterprise class servers, storage, and embedded systems," said Steve McClure, vice president of worldwide sales and marketing for Netlist. "Based on PCIe v2.0 protocol with 5GT/s, the modules are ideal for cache acceleration in tiered storage caching accelerator applications as well as virtualization, boot, and operating system loaders. These new modules are an excellent complement to our recently announced mSATA Slim and mSATA Mini SSD modules."

Netlist's mini PCIe SSD is fully compatible with PCI Express v2.0, supports DDR ONFI 2.2 Flash and bi-directional transfer rates to 5GT/s (Giga transfers per second) on the PCIe bus. It supports read performance up to 350MB/s and write performance up to 170MB/s.

By supporting SLC, MLC, and ONFI 2.2 NAND Flash technologies with enhanced ECC support with on-chip wear leveling algorithm, the modules can also sustain Commercial (0 degrees C to +70 degrees C) or Industrial (-40 degrees C to +85 degrees C) applications. It can support Non-Volatile Memory Host Controller Interface 1.0 (NVMHCI) and Advanced Host Controller Interface 1.0 (AHCI) – making the product well suited for enterprise and industrial environments that face wide temperature, shock, vibration, humidity, and altitude variations.

Netlist has shipped samples of its new mini PCIe SSD to a leading customer. The company will begin general availability sampling in July.

For more information on Netlist's Flash product portfolio, visit [www.netlist.com/flash](http://www.netlist.com/flash).

### 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](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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