



Mellanox Technologies Announces Complete PCI-Express™ HCA Product Line at Intel® Developer Forum

SANTA CLARA, CALIFORNIA, and YOKNEAM, ISRAEL - Sep 15, 2003 - Mellanox® Technologies Ltd., the leader in InfiniBand™ semiconductors, today announced enhanced support for the Mellanox family of HCA, Host Channel Adapter, devices by offering a full product line of PCI-Express™ InfiniBand HCA Cards. The InfiniHost Express product family incorporates Mellanox 3rd generation architectural enhancements for maximum capability, and includes an 8X PCI Express interconnect, designed to connect to Intel chipsets, enabling up to 40Gb/sec of total data bandwidth from the InfiniBand fabric all the way into the server's core logic. Both, standard height and low profile cards will be offered.

"Our 3rd generation HCA will continue to advance InfiniBand capabilities," said Michael Kagan, vice president of architecture and software for Mellanox. "New enhancements in InfiniHost Express will double the data bandwidth and deliver the data with lower latencies."

Mellanox has worked with Sandia Labs, Intel and other leading enterprise vendors to demonstrate how clusters can improve visualization performance by using industry standard servers and the open standard InfiniBand architecture interconnect. This demonstration at IDF features visualization software running on an InfiniBand cluster of Intel Xeon™ and Itanium® 2 based servers. Future deployments of such systems will incorporate InfiniHost PCI-Express based HCA cards to further improve latency, bandwidth, and performance. PCI Express platforms offer four times the bandwidth of conventional PCI-X based systems, allowing InfiniBand clusters to achieve their full potential.

“InfiniBand is the next wave in clustering and it is impacting many market segments, including high performance clusters, enterprise databases and visualization applications,” said Jim Pappas, director of initiative marketing for Intel’s Enterprise Platform Group. “And as Mellanox and Intel move their future individual HCA and platform designs to the 8X PCI-Express interconnect, the performance only gets better as it improves the I/O bandwidth from 8Gb/sec to 20Gb/sec.”

Mellanox now features a full product line of InfiniBand HCA cards that include both standard height and low profile cards for PCI-X and the upcoming PCI-Express cards.

For more information and a list of OEM and VAR distributors see <http://www.mellanox.com/products/hca.html>.

About InfiniBand Architecture

InfiniBand Architecture is the only 10 Gb/sec ultra low latency clustering, communication, storage and embedded interconnect in the market today. InfiniBand, based on an industry standard, provides the most robust data center interconnect solution available with reliability, availability, serviceability and manageability features designed from the ground up. These parameters greatly reduce total cost of ownership for the data center. Low cost InfiniBand silicon that supports 10 Gb/sec RDMA transfers is shipping today providing eight times the bandwidth of Ethernet and three times the bandwidth of proprietary clustering interconnects. With an approved specification for 30 Gb/sec, InfiniBand is at least a generation ahead of competing fabric technologies today and in the foreseeable future.

About Mellanox

Mellanox is the leading supplier of InfiniBand semiconductors, providing complete solutions including switches, host channel adapters, and target channel adapters to the server, communications, data storage, and embedded markets. Mellanox Technologies has delivered more than 100,000 InfiniBand ports over two generations of 10 Gb/sec InfiniBand devices including the InfiniBridge, InfiniScale and InfiniHost devices. Mellanox InfiniBand interconnect solutions today provide over eight times the performance of Ethernet, and over three times the performance of proprietary interconnects. The company has strong backing from corporate investors including Dell, IBM, Intel Capital, Quanta Computers, Sun Microsystems, and Vitesse as well as, strong

venture backing from Bessemer Venture Partners, Raza Venture Management, Sequoia Capital, US Venture Partners, and others. The company has major offices located in Santa Clara, CA, Yokneam and Tel Aviv Israel.

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