



Mellanox Scores World's First 10Gb/s Landed on Motherboard Design Win

InfiniBand Accelerates Deployment of 10Gb/s Compute Clusters

SANTA CLARA, CALIFORNIA, and YOKNEAM, ISRAEL - Jun 28, 2004 - Mellanox® Technologies Ltd., the leader in InfiniBandSM technology today announced that IWILL, a leading manufacturer of server and workstation motherboards, has selected Mellanox's InfiniHost host channel adapter to provide 10Gb/s Landed on Motherboard (LOM) connections for the DK8S2-IB server platform. This platform represents the world's first server that provides 10Gb/s network connectivity as a feature that ships standard with every system. IWILL selected Mellanox's solution based on the rapid adoption rate of InfiniBand in clustered server applications as well as price/performance advantages over all other 10Gb/s technologies. InfiniBand, the only industry standard I/O technology that natively supports 10Gb/s performance to each node with remote direct memory access (RDMA) and hardware transport offload capabilities, offers a single converged network for communications, clustering and storage.

"IWILL servers are designed with industry leading processing performance and networking capabilities," stated Rover Chen, Director of IWILL's Server Division. "Our latest server solution provides simple integration of high-speed connectivity without the additional cost of a separate adapter card. We provide two InfiniBand ports, enabling the most robust and cost-effective server solution for 10 Gigabit per second compute clusters."

In addition to selecting 10Gb/s InfiniBand network connectivity, IWILL has chosen a dual AMD Opteron™ processor solution. With RDMA and transport offload handled in hardware, InfiniBand provides a highly efficient connection between AMD Opteron processor-based servers for

storage and inter-processor communication to optimize performance in High-Performance Computing (HPC) and enterprise data center applications.

“As the need for simultaneous 32- and 64-bit computing continues to increase, the IWILL server solution with InfiniBand perfectly balances our AMD64 technology with Direct Connect Architecture,” said Ben Williams, vice president of AMD’s Enterprise and Server/Workstation Business Segment. “A high performance cluster based on InfiniBand interconnects and powered by the superior performance of the AMD Opteron processor is allowing customers to migrate away from traditional proprietary supercomputers.”

InfiniBand, Always a Generation Ahead

All major server vendors are delivering InfiniBand products and the OpenIB organization (www.openib.org) is driving an industry standard InfiniBand software stack. Furthermore, new and innovative InfiniBand hardware solutions such as IWILL’s InfiniBand LOM server are being announced. All of these developments illustrates the broad market demand for InfiniBand-based solutions.

The InfiniBand specification already supports up to 30Gb/s, and the InfiniBand Trade Association (www.infinibandta.org) is developing support for bandwidths in excess of 100Gb/s per port. As the leading supplier of silicon products for InfiniBand technology, Mellanox is executing on a product roadmap that delivers both industry leading performance as well as unsurpassed value for compute server and storage connectivity.

“IWILL’s InfiniBand server platform highlights the mass market momentum and the advantage InfiniBand has over all other high-speed technologies,” said Eyal Waldman, CEO of Mellanox Technologies. “Mellanox continues to drive InfiniBand as the most affordable 10 Gigabit per second technology and will deliver solutions that enable our customers with HCA add-in cards for less than \$250 and LOM designs for less than \$100 in the early 2005 timeframe. Offering performance advantages, wide ranging application support, broad industry-support, and a compelling roadmap makes InfiniBand an easy choice for clustering, enterprise, and storage applications.”

About InfiniBand

InfiniBand 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 features greatly reduce total cost of ownership for the data center. Low cost InfiniBand Interconnect solutions provide 10Gb/sec RDMA transfers delivering up to 25 times the performance of Ethernet, offer unprecedented performance and density, and outperform proprietary interconnects at a fraction of the cost. With 30 Gb/sec products shipping currently, InfiniBand is at least a generation ahead of competing fabric technologies today and in the foreseeable future.

About IWILL

IWILL Corporation, established in 1989 and based in Taiwan, is one of the leading motherboard and solution manufacturers in the world. IWILL offers a wide variety of products specifically designed for target markets including dedicated servers, HPC, and general purpose servers and workstations. In addition, IWILL also offers performance PC motherboards designed for applications including military systems, medical systems, R&D systems, bioengineering, digital film editing systems, home entertainment and high end gaming systems. Last but not least, IWILL offers general purpose motherboards for business and personal PCs applications. IWILL's proven expertise in state-of-the-art design and manufacturing provides products that are the highest in quality with the ability for future scalability and ease of customer use. For more information about IWILL, visit www.iwill.net.

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 200,000 InfiniBand ports over three generations of 10 Gb/sec InfiniBand devices including the InfiniBridge, InfiniHost III, and InfiniScale III devices. 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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