



Mellanox Technologies Introduces 16-Port 10Gb/sec Non-Blocking InfiniBand Switch Reference Design

Full Bandwidth Modular Design Enables Either Copper or Optical InfiniBand Ports

SANTA CLARA, CALIFORNIA and YOKNEAM, ISRAEL, November 11, 2002 - Mellanox™ Technologies, Ltd. the leader in InfiniBandSM silicon, today announced the availability of a modular 10Gb/sec 16-Port switch reference design in a 1U enclosure. Based on Mellanox's Industry leading InfiniScale™ switching silicon, the design provides full 10Gb/sec InfiniBand bandwidth between all 16-Ports with each port having the flexibility to be either a copper or optical interface. This switch advances the ease of building enterprise database or high performance computing clusters by offering the industries' first full bandwidth InfiniBand 16-Port 10Gb/sec switch reference design.

The InfiniScale MTEK43132-M16 is based on a Constant Bi-Sectional Bandwidth (CBB) or fat tree topology that includes six InfiniScale MT43132 devices. This design ensures optimal bandwidth in any configuration. The modular design comes with a base configuration of either 8 copper or 8 optical connectors and features two expansion slots that each allows 4 ports to be upgraded with the connector of choice. This flexibility allows our customer to choose from 16 copper ports or 16 optical ports or a combination of the two. This design can be configured to be either a managed or unmanaged switch. The MTEK43132-M16 will be featured at the Microway booth (#1022) the SC2002 conference Nov 16-22 in Baltimore, MD.

“We have had a number of separate customer requests for large clusters and the ability to span longer distances,” said Dana Krelle, vice president of marketing for Mellanox Technologies, Ltd. “Our 16-Port reference design is ideal to meet both of these requirements. And its CBB topology maintains the full bandwidth requirements that high performance compute clustering demands.”

Pricing and Availability

Reference designs are available to Mellanox OEM and development partners. An all copper 16-Port version of the product will be available this quarter and lists for \$24,000. The optical version will be available in early Q1, 2003.

About InfiniBand

The InfiniBand Architecture is the only 10Gb/sec ultra low latency clustering, communication and storage interconnect in the market today. Based on an industry standard with reliability, availability, serviceability and manageability features designed in from the ground up, InfiniBand provides the most robust data center interconnect solution available. These attributes greatly improve TCO for the data center. Low cost InfiniBand silicon is shipping today that supports 10Gb/sec RDMA transfers and with its approved specification for 30Gb/sec, InfiniBand is at least a generation ahead of competing fabric technologies today and for the foreseeable future.

About Mellanox

Mellanox is the leading supplier of InfiniBand semiconductors, providing switches, Host Channel Adapters, and Target Channel Adapters to the server, communications and data storage markets. In January 2001, Mellanox Technologies delivered the InfiniBridge 10Gb/sec InfiniBand device to market, and is now shipping second-generation InfiniScale and InfiniHost silicon. The company has raised more than \$89 million to date and has strong corporate and venture backing from Bessemer Venture Partners, Dell Computer, Intel Capital, Raza Venture Management, Sequoia Capital, Sun Microsystems, US Venture Partners, Vitesse and others. Mellanox has been recognized with awards in 2001 and 2002 from Computerworld, Network Computing, Red Herring, and Upside magazines as a key emerging technology company. The company’s business operations, sales, marketing and customer support are headquartered in Santa Clara, CA; with the

design, engineering, software, system validation, and quality and reliability operations based in Israel.

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