



Mellanox and Gore Extend the Reach of 10 Gb/s Connections over Low-Cost Copper Cables

New Distance Record of 40 Meters using InfiniBand Cables

SANTA CLARA, CALIFORNIA, and YOKNEAM, ISRAEL - Oct 11, 2004 - Mellanox® Technologies Ltd., the leader in InfiniBandSM technology, has extended the practical range of 10 Gb/s cluster computing using low-cost InfiniBand copper cables from W. L. Gore & Associates. The extended 40 meter reach capability is enabled by combining the superior signal quality of Mellanox InfiniBand channel adapter and switch products with the outstanding electrical characteristics of GORE™ InfiniBand™ cables. The combination of Mellanox InfiniBand silicon and Gore cables extends the range of applications that can take advantage of reliable and cost-effective copper cables. This avoids the additional expense of moving to fiber solutions.

Mellanox engineers validated the Gore cable at a distance of 40 meters using the CJTPAT tests and were able to surpass the InfiniBand bit error rate requirements ($BER = 1 \times 10^{-12}$). This performance capability was achieved due to the superior signal integrity of the Mellanox PHY components and the advanced equalization techniques utilized in the Gore cable assemblies.

“Mellanox is driving the performance and reliability of InfiniBand solutions in the market, and at the same time continues to focus on driving down costs,” said Yuval Leader, vice president of systems solutions of Mellanox Technologies. “By working with Gore to extend the reach of copper cables, we have greatly increased the scale and scope of applications which can utilize cost-effective InfiniBand cables.”

“The large scale deployment of InfiniBand into the data center and technical computing markets is driving the demand for higher performance, lower costs, and longer reach,” said David Dillon,

Gore global product manager. “By focusing on every aspect of signal quality and our work with Mellanox, we’ve been able to extend the reach of our InfiniBand cables to unprecedented distances.”

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 W. L. Gore & Associates, Inc.

Founded in 1958, W. L. Gore & Associates, Inc. has parlayed its unique technical capabilities into hundreds of diverse products and is world-renowned for its expertise in configuring the remarkably versatile polymer PTFE. This has resulted in numerous products for electronic signal transmission; fabric laminates; medical implants; as well as membrane, filtration, sealant, and fiber technologies for diverse industries. With \$1B+ global sales and approximately 7,000 associates in 45 locations around the world, Gore is one of the "100 Best Companies to Work for in America.” For further information, please visit Gore’s Web site at www.gore.com/electronics.

About Mellanox

Mellanox delivers field-proven interconnect solutions for communications, storage and compute clustering that are changing the shape of both business and technical computing. As the leader of industry-standard, InfiniBand-based silicon and system solutions, Mellanox provides a worry-free interconnect fabric for data centers and technical compute clusters which demand increased efficiency and improved return on investment. With all first tier server vendors and leading storage vendors providing products based on three generations of InfiniBand technology, Mellanox is the

driving force behind the most cost-effective, highest performance interconnect solutions available. Convergence in today's data center environment is driving companies worldwide to put in place a cost-sensitive, unified interconnect that can support communications, storage and compute clustering. This convergence within the data center requires tremendous performance and efficiency from the interconnect fabric. Addressing this challenge, Mellanox offers solutions that improve, both the utilization and performance of clustered systems, and significantly reduce total cost of ownership - delivering supercomputing performance at business computing prices. The company has strong backing from corporate investors including Dell, IBM, Intel Capital, Sun Microsystems, and Vitesse as well as, strong venture backing from Bessemer Venture Partners, Raza Venture Management, Sequoia Capital, US Venture Partners, and others. Mellanox has been recognized with awards from Computerworld, Network Computing, Red Herring, and Upside magazines as a key emerging technology company. The company has major offices located in Santa Clara, CA, Yokneam and Tel Aviv, Israel.

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