

## PRESS RELEASE

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### **Virginia Tech Deploys the First 40Gb/s InfiniBand Large-Scale Compute Systems Based on Mellanox Interconnect**

*World's Fastest InfiniBand Technology is Quickly Adopted as the Foundation for Compute Intensive Applications*

**SANTA CLARA, CA. and YOKNEAM, ISRAEL – July 21, 2008 – Mellanox®** Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of semiconductor-based, server and storage interconnect products, today announced that its 40Gb/s InfiniBand technology interconnects the new 29TFlops computer systems research cluster at the Center for High-End Computing Systems (CHECS) within the Virginia Polytechnic Institute and State University. 40Gb/s InfiniBand was introduced in June 2008 and this compute cluster showcases the quick industry acceptance and adoption compared to other high speed interconnect technologies. Mellanox 40Gb/s InfiniBand technology provides the necessary scalability and performance for the CHECS research activities and will be the foundation for the development of next generation, power-aware high-end computing resources.

“Mellanox continues to lead the high-performance computing and enterprise data center industry with the highest performing interconnect technology that delivers unmatched performance for parallel compute clusters,” said Thad Omura, vice president of product marketing at Mellanox Technologies. “In 2003 we partnered with Virginia Tech to build the first 10Gb/s InfiniBand large-scale cluster that was ranked number three on the Top500 list at the time. We are excited to partner with Virginia Tech for the first large-scale cluster installation using 40Gb/s InfiniBand, which leverages the mature InfiniBand

ecosystem to support the ever increasing demands for efficient and scalable compute systems.”

The new system consists of 324 Apple® Mac® Pro Servers with the total of 2592 CPU cores efficiently connected with ConnectX® 40Gb/s InfiniBand adapters and InfiniScale® IV switches, and 40Gb/s copper cables from Amphenol and W.L. Gore & Associates. The system’s performance is ranked among the Top 100 systems of the June 2008 Top500 list of supercomputers. CHECS will be leveraging the system and the new InfiniBand capabilities of congestion control and adaptive routing for expanding high-end computing research activities, in particular in the areas of power aware systems, transparent distributed shared memory systems and high-performance distributed storage systems.

“Our mission is to build computing systems and environments that can efficiently and useably span the scale from department-sized machines to national-scale resources, and will meet the day-to-day needs of computational scientists,” said Srinidhi Varadarajan, Director of CHECS at Virginia Tech. “Mellanox’s 40Gb/s InfiniBand technology brings the necessary capabilities to our research activities and will be the focus for the design and deployment of the next generation of high-end systems.”

For more information on Mellanox 40G/s InfiniBand solutions, please refer to [www.mellanox.com](http://www.mellanox.com), and for CHECS activities, to <http://www.checs.eng.vt.edu/>.

### **About Mellanox**

Mellanox Technologies is a leading supplier of semiconductor-based, interconnect products to world-class server, storage, and infrastructure OEMs servicing Fortune 500 data centers, the world’s most powerful supercomputers, and mission critical embedded applications. The company’s Virtual Protocol Interconnect™ (VPI) enables standard communication protocols to operate over any converged network (InfiniBand, Ethernet, Data Center Ethernet) with the same software solution. Utilizing proven networking, clustering, storage, virtualization and RDMA acceleration engines, VPI optimizes application performance, power consumption, workload agility, and total system efficiency while future-proofing IT infrastructure.

Founded in 1999, Mellanox Technologies is headquartered in Santa Clara, California and Yokneam, Israel. For more information, visit Mellanox at [www.mellanox.com](http://www.mellanox.com).

**Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995:**

All statements included or incorporated by reference in this release, other than statements or characterizations of historical fact, are forward-looking statements. These forward-looking statements are based on our current expectations, estimates and projections about our industry and business, management's beliefs and certain assumptions made by us, all of which are subject to change.

Forward-looking statements can often be identified by words such as "anticipates," "expects," "intends," "plans," "predicts," "believes," "seeks," "estimates," "may," "will," "should," "would," "could," "potential," "continue," "ongoing," similar expressions and variations or negatives of these words. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement.

The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include the risk that our 40Gb/s InfiniBand technology will not be the focus for the design and deployment of next generation of high-end systems, the continued growth in demand for HPC products, the continued, increased demand for industry standards-based technology, our ability to react to trends and challenges in our business and the markets in which we operate; our ability to anticipate market needs or develop new or enhanced products to meet those needs; the adoption rate of our products; our ability to establish and maintain successful relationships with our OEM partners; our ability to compete in our industry; fluctuations in demand, sales cycles and prices for our products and services; our ability to protect our intellectual property rights; general political, economic and market conditions and events; and other risks and uncertainties described more fully in our documents filed with or furnished to the Securities and Exchange Commission.

More information about the risks, uncertainties and assumptions that may impact our business is set forth in our Form 10-Q filed with the SEC on May 5, 2008 and our Form 10-K filed with the SEC on March 24, 2008, including "Risk Factors". All forward-looking statements in this press release are based on information available to us as of the date hereof, and we assume no obligation to update these forward-looking statements.

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