

PRESS RELEASE



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Mellanox InfiniBand Accelerates IBM System Cluster 1350

ConnectX® 20Gb/s InfiniBand Adapters Provide Unprecedented Performance for Leading Compute Clusters

SANTA CLARA, CA. and YOKNEAM, ISRAEL – June 25, 2008 – Mellanox® Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of semiconductor-based, server and storage interconnect products, today announced that its ConnectX 20Gb/s adapters with PCI Express Gen2 support provide the optimal low latency, high-performance interconnect for the IBM System Cluster 1350, IBM's high-performance, high-density cluster solution. ConnectX adapters deliver the highest data throughput and lowest latency of any standard PCI Express adapter available today, thereby accelerating applications and data transfers in High Performance Computing (HPC) environments.

“Our customers require interconnect with best-in-class price/performance for their high-performance computing and business performance computing workloads,” said Sergio Amoni, director of marketing for System x and BladeCenter at IBM. “Mellanox ConnectX adapters deliver unparalleled performance for the most demanding applications and are ideally suited for the extreme performance supercomputing environments served by the System Cluster 1350.”

“Mellanox’s ConnectX InfiniBand adapters deliver unparalleled I/O connectivity for high-throughput and latency-sensitive clusters,” said Thad Omura, vice president of product marketing at Mellanox Technologies. “The IBM Cluster 1350 with Mellanox ConnectX connectivity provides an ideal solution for a broad range of application

environments, including financial services, government and education, industrial design and manufacturing, life sciences, and web serving and collaboration.”

In addition to ConnectX, Mellanox’s single-port InfiniHost III Lx 20Gb/s InfiniBand adapters and line of copper InfiniBand cables have been certified by IBM for use with the IBM System Cluster 1350. The InfiniHost III Lx adapter is an ideal solution for cost-sensitive applications seeking to benefit from InfiniBand’s high-performance and low latency characteristics.

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.

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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 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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