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Mellanox ConnectX IB InfiniBand Mezzanine Adapters Accelerate HP BladeSystem c-Class

HP First to Integrate Industry-Leading Adapter for Multi-Core, High-Density Blade Clustering Applications

SANTA CLARA, CA. and YOKNEAM, ISRAEL – JULY 9, 2007 – Mellanox™ Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of semiconductor-based, server and storage interconnect products, today announced that the company's 20Gb/s ConnectX IB InfiniBand mezzanine cards provide the optimal performance interconnect for HP BladeSystem c-Class.

“Mellanox's ConnectX IB InfiniBand adapters provide unparalleled I/O connectivity for high-throughput and latency-sensitive clusters, grids and virtualized environments,” said Eyal Waldman, chairman, president and CEO of Mellanox Technologies. “HP BladeSystem c-Class is an ideal platform for high-performance computing clusters and we're proud that our InfiniBand adapters have been integrated with it.”

A Mellanox ConnectX IB 20Gb/s InfiniBand mezzanine card adapter can reside on each server blade in the BladeSystem enclosure to provide high-performance connectivity to the processor through a PCI Express interface. InfiniBand signals are carried over a midplane that supports 5 Terabits per second of aggregate bandwidth to InfiniBand switch modules that plug into high-speed switch bays. Each ConnectX IB mezzanine card adapter supports two ports and can connect to two independent switch modules for redundancy and higher aggregated bandwidth – capabilities that are useful for mission-critical applications and the most-demanding HPC deployments.

“The HPC market is seeing increased demand for industry standards-based clusters such as those based on the HP BladeSystem c-Class, which offers great performance, consumes less power, and lowers total cost of ownership,” said Winston Prather, vice president and general manager, High Performance Computing Division, HP. “The Mellanox InfiniBand mezzanine cards further build on the leadership I/O capabilities of the HP BladeSystem c-Class, providing superior connectivity that enables increased HPC productivity.”

The ConnectX IB mezzanine card is available for purchase now. The mezzanine card has been tested with OFED 1.2.c. The HP-supported software stacks for HPC applications (including HP-MPI) will be available later this quarter.

About Mellanox

Mellanox Technologies is a leading supplier of semiconductor-based, high-performance, InfiniBand and Ethernet connectivity products that facilitate data transmission between servers, communications infrastructure equipment and storage systems. The company’s products are an integral part of a total solution focused on computing, storage and communication applications used in enterprise data centers, high-performance computing and embedded systems.

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 distributors; 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 are set forth in our Form 10-Q filed with the SEC on May 8, 2007, and our Form 10-K filed with the SEC on March 26, 2007, 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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