



Mellanox Technologies Joins The Green Grid

Highly Efficient Interconnect Significantly Reduces Power within the Enterprise Data Center

SANTA CLARA, CA. and YOKNEAM, ISRAEL – March 11, 2008 – Mellanox® Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX) a leading supplier of semiconductor-based, server and storage interconnect products, today announced its membership in The Green Grid, a global nonprofit consortium dedicated to advancing energy efficiency in data centers and business computing ecosystems.

In data centers today, multi-core servers are the fastest growing consumer of power with energy costs well exceeding the server purchase cost. Network intensive applications running on the CPU and memory subsystems can quickly be bottlenecked by inadequate I/O resources, resulting in idle CPU and memory cycles wasting dollars and power. Mellanox's interconnect products, based on InfiniBand and Ethernet technologies, play a key role in energy reduction in servers, storage and virtualized environments by reducing CPU processing overhead and providing the ability to carry all data center traffic types over a single, low power adapter as opposed to multiple adapters with a number of network infrastructure systems.

"High power consumption is a significant pain point for ever-expanding data centers. The industry has seen many recent innovations in the areas of cooler CPUs, server virtualization, and blade servers. With power consumption as low as 3.5W per 20Gb/s port, Mellanox's adapters have the ability to consolidate networking, storage and clustering I/O to complements those trends," said Thad Omura, vice president of product marketing at Mellanox Technologies. "By taking advantage of how our interconnect products optimize multi-core server and storage power and performance, enterprises can optimize the number of servers needed for data center applications. Our membership in The Green Grid demonstrates our continued commitment to energy efficiency in enterprise data centers worldwide."

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.

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 November 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.

Mellanox, ConnectX, InfiniBlast, InfiniBridge, InfiniHost, InfiniRISC, InfiniScale, and InfiniPCI are registered trademarks of Mellanox Technologies, Ltd. All other trademarks are property of their respective owners.

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