

Mellanox InfiniBand Delivers New Levels of Performance for Windows HPC Server 2008 Based Clusters

Microsoft's New NetworkDirect Design Utilizes Native InfiniBand Features for High-Performance Enterprise Applications

SC07, RENO, NV – November 13, 2007 – Mellanox™ Technologies, Ltd. (NASDAQ: MLNX; TASE: MLNX), a leading supplier of semiconductor-based, server and storage interconnect products, today announced the immediate availability of NetworkDirect drivers for Windows HPC Server 2008 that take full advantage of InfiniBand's native Remote Direct Memory Access capabilities for optimal cluster performance. Together with Mellanox's InfiniBand adapters, this solution provides higher productivity, scalability and performance for mainstream enterprise and high-performance clustered applications used by researchers, scientists, analysts and engineers. Latency sensitive applications, such as computational fluid dynamics, financial services, weather simulations and others will immediately benefit from Microsoft NetworkDirect and native InfiniBand capabilities.

Windows HPC Server 2008 and Mellanox InfiniBand interconnect adapters fuel the fast growing HPC cluster market. According to IDC's World wide High-Performance and Technical Computing Server Forecast released in April 2007, IDC expects the total high-performance computing market to expand by 9.1% annually in revenue to reach \$15.5 billion by 2011, with cluster unit shipments expanding by 12.5% annually to a total of 425,712 cluster units by 2011*.

"Microsoft is pleased to be working with Mellanox Technologies to ensure that Windows HPC Server 2008 solutions with high-speed InfiniBand interconnect adapters deliver an outstanding level of performance, scalability and efficiency," said Kyril Faenov, general manager of HPC at Microsoft. "Our new networking architecture takes advantage of the advanced InfiniBand capabilities to provide lowest latency and higher throughput for performance-sensitive applications."

"The combination of Microsoft NetworkDirect design and Mellanox's leading InfiniBand adapters deliver outstanding computing performance that addresses the productivity and scalability needs of current and future computing platforms," said Thad Omura, vice president of product marketing at Mellanox Technologies. "We have been working closely with Microsoft, and the outcome is a high-performance platform that is best of breed and easy to deploy."

The InfiniBand drivers for Windows HPC Server 2008, based on OpenFabrics.org open source community development, are available now in Beta at Mellanox's website at www.mellanox.com and the OpenFabrics driver repository website at www.openfabrics.org. The drivers are expected to be generally available in production quality to coincide with the general availability version of Windows HPC Server 2008.

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.

*IDC, "Worldwide High-Performance and Technical Computing Server 2007-2011 Forecast," Doc # 206170, April 2007.

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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 August 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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