



September 10, 2013

Mellanox End-to-End FDR 56Gb/s InfiniBand Solution Provides Leading Application Performance with the New Intel® Xeon® Processor E5-2600 v2 Product Family

Mellanox FDR 56Gb/s InfiniBand delivers world-leading interconnect performance and best ROI for deployments based on new Intel Xeon processor

SUNNYVALE, Calif. & YOKNEAM, Israel--(BUSINESS WIRE)-- Mellanox® Technologies, Ltd. (NASDAQ: MLNX), a leading supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, today announced that its end-to-end, FDR 56Gb/s InfiniBand interconnect solutions provide industry-leading performance for compute demanding applications running over Intel's new Intel Xeon processor E5-2600 v2 product family. Applications running over the new Intel Xeon processor and Mellanox's FDR 56Gb/s InfiniBand solutions demonstrate over 30 percent better performance, enabling businesses to do more, faster, thereby lowering product design cycles and time-to-market.

Mellanox FDR 56Gb/s InfiniBand solutions, consisting of ConnectX® and Connect-IB InfiniBand adapters, SwitchX®-based switch systems, cables and software, optimize server and storage productivity with industry leading bandwidth and latency performance while maximizing CPU efficiency. The combination of the Mellanox solutions with the new processor from Intel has demonstrated significant application performance increases versus the previous Intel processor generation: a 35 percent performance increase for the LINPACK benchmark over a 16-node cluster, 32 percent performance increase for the NAMD and 26 percent for GROMACS, two of the most popular molecular dynamics applications, and 27 percent performance increase for ICON, a weather and atmospheric simulations software.

"Intel supports ecosystem development by providing state of the art PCI Express Gen 3 in our new Intel Xeon processor E5-2600 v2 product family," said Jim Pappas, Director of Technology Initiatives, Intel Corporation. "Intel is delighted that Mellanox continues to innovate on the Intel platform, taking advantage of the latest PCI Express Gen 3 features in our Intel Xeon Processors."

"We applaud Intel's new Intel Xeon processor E5-2600 v2 product family, which will provide end-users with even greater application performance potential," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "Together with Mellanox FDR 56Gb/s InfiniBand interconnect solutions, the new Intel-based platforms will ensure IT managers the highest performance for their compute demanding applications and provide the best return-on-investment in their data center server and storage upgrades."

Mellanox's FDR 56Gb/s InfiniBand solutions are available today and include OEM support from such leading vendors as Dell, HP, and IBM.

Supporting Resources:

- Learn more about Mellanox InfiniBand [Switches](#), [Adapter Cards](#), and [Cables](#)
- Learn more about Mellanox [Switch Management](#) and [Storage Fabric Software](#)
- Follow Mellanox on [Twitter](#), [Facebook](#), [Google+](#), [Linked-In](#), and [YouTube](#)
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About Mellanox

Mellanox Technologies is a leading supplier of end-to-end InfiniBand and Ethernet interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at www.mellanox.com.

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Source: Mellanox Technologies, Ltd.

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