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Mellanox Announces Industry-Leading OCP-Based ConnectX-5 Adapters for Qualcomm Centriq 2400 Processor-Based Platforms

Open Compute Project (OCP)-Based Platform Unleashes Performance for Cloud, Storage, Artificial Intelligence, Web2.0 Applications and More

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 availability of industry leading OCP-based 10, 25, 40, 50, and 100Gb/s ConnectX[®]-5 network adapters for the Qualcomm[®] Centriq[™] 2400 processor-based platforms. ConnectX-5's advanced performance and efficiency paired with the Qualcomm Centriq 2400, the world's first 10-nanometer server processor, offer a complete ARM-based infrastructure for hyperscale and cloud data centers.

"The combination of Mellanox Ethernet and InfiniBand interconnect solutions and Qualcomm's leading ARM-based processors enables the generation of compute and storage data centers," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "The RDMA technology and the smart cloud, storage and machine learning offloads of ConnectX-5 maximize the Qualcomm CPU efficiency and overall applications' performance. We are excited to demonstrate the ARM server platforms with Qualcomm and their readiness for data center usage."

"Pairing our 10 nanometer server processor with Mellanox's industry-leading multi-host solution delivers flexible compute and modularity for the scaling needs of next-generation data center infrastructure demands," said Ram Peddibhotla, vice president of product management, Qualcomm Datacenter Technologies. "By featuring two world-class technologies, the Qualcomm Centriq[™] 2400 processor and Mellanox ConnectX-5 interconnect, we are enabling innovative topologies and networked compute models that facilitate cloud, high performance computing, telco and other market applications."

ConnectX-5 is the world's leading 10, 25, 40, 50, 56 and 100Gb/s InfiniBand and Ethernet intelligent adapter. Delivering message rates of up to 200 million messages per second, and latency as low as 0.7us, ConnectX-5 supports the most advanced offloads to accelerate high-performance computing and machine learning algorithms, virtualized infrastructures, and storage workloads. Together with native RDMA and RDMA over Converged Ethernet (RoCE), ConnectX-5 dramatically improves storage and compute platform efficiency.

Mellanox and Qualcomm will showcase the Qualcomm Centriq 2400 server-based platform with Mellanox ConnectX-5 at the Open Compute Project (OCP) Summit, March 8-9, booth No. C-23, Santa Clara.

Supporting Resources:

- | **Learn more about:** [ConnectX-5](#)
- | **Follow Mellanox on:** [Twitter](#), [Facebook](#), [Google+](#), [LinkedIn](#), and [YouTube](#)
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About Mellanox

Mellanox Technologies (NASDAQ: [MLNX](#)) is a leading supplier of end-to-end Ethernet and InfiniBand intelligent interconnect solutions and services for servers, storage, and hyper-converged infrastructure. Mellanox intelligent interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance. Mellanox offers a choice of high performance solutions: network and multicore processors, network adapters, switches, cables, 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, network security, telecom and financial services. More information is available at: www.mellanox.com.

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