Mellanox and Dell to Deliver 10/40GbE for Mainstream Servers and Networking Solutions

Mellanox Technologies

SUNNYVALE, CA and YOKNEAM, ISRAEL **–** Mellanox Technologies, a supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, announced that its dual port ConnectX-3 10/40GbE Network Interface Cards (NICs) are now fully compatible with qualified Dell PowerEdge servers and Dell networking solutions, providing improved performance at higher efficiency and lower latency with reduced application costs. The Dell solutions with Mellanox dual port 10/40GbE NICs are designed to help users increase mobility and scalability at the highest throughput, with lower CPU overhead and cloud application costs, and to reduce CAPEX and OPEX by streamlining hardware and simplifying management while delivering industry-leading performance and power efficiency.

“Dell server and networking solutions are designed to deliver extreme performance in the most efficient way possible,” said Brian Payne, executive director of server solutions, Dell. “Our collaboration with Mellanox helps us provide our customers with high performance and bandwidth, at increased capacity, lower power and reduced operating costs.”

Mellanox 10/40GbE NICs deliver the fastest Ethernet available on the market today, along with industry-leading, end-to-end latency and backwards compatibility with 10GbE for infrastructure flexibility. Furthermore, ConnectX-3 based adapters support RDMA over Converged Ethernet (RoCE). Remote Direct Memory Access (RDMA) technology offloads the data transport to free up the CPU for virtualized networks, data intensive cloud applications and data analytics.

“Customers deploying Dell solutions with Mellanox dual port 10/40GbE benefit from our industry-leading performance and efficiency combined with the power of Dell’s server and networking solutions,” said Chuck Tybur, vice president global accounts and Americas OEM sales at Mellanox Technologies. “This combination results in a high performance solution with low total cost of ownership in power efficiency, system scaling efficiency and compute density.”

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