



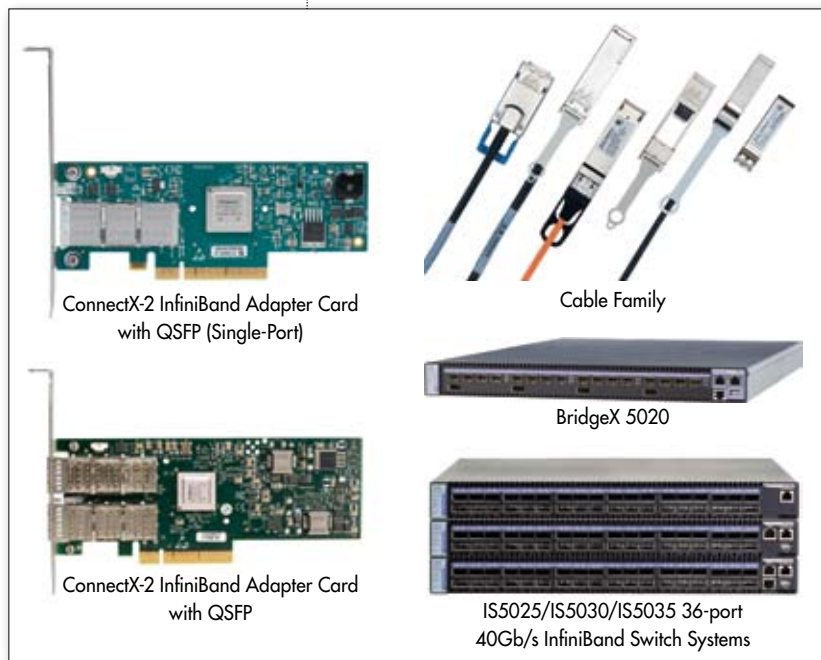
Mellanox Technologies

Leading Executive

Mr. Brian Sparks
Sr. Director, Marketing
Communications

Mellanox Technologies is a leading supplier of end-to-end connectivity solutions for servers and storage that optimize data center performance. Mellanox products deliver market-leading bandwidth, performance, scalability, power conservation and cost-effectiveness while converging multiple legacy network technologies into one future-proof solution. For the best in performance and scalability, Mellanox is the choice for Fortune 500 data centers and the world's most powerful supercomputers. Founded in 1999, Mellanox Technologies is headquartered in Sunnyvale, California and Yokneam, Israel. For additional information please visit us at www.mellanox.com

- **Data Center** - Mellanox's InfiniBand and Ethernet solutions command the best price-performance-power value proposition when network and storage I/O processing capabilities at 10Gb/s or higher are needed. Cloud providers and data centers can utilize 40Gb/s InfiniBand or 10 Gigabit Ethernet/FCoE to consolidate I/O in the server farm to a single wire and enable IT managers to deliver significantly higher application service levels, while reducing CAPEX and OPEX related to server and storage I/O infrastructures.
- **High-Performance Computing** - With InfiniBand's proven scalability and efficiency, small and large clusters easily scale up to thousands of nodes. With 40Gb/s node-to-node and 120Gb/s switch-to-switch solutions available, and a roadmap to 240Gb/s, InfiniBand has proven its performance in HPC. High-performance computing enables a variety of markets and applications including Bioscience, EDA, Manufacturing, Media and Entertainment, Oil and Gas Industry Modeling and Weather.
- **Storage** - InfiniBand's high-bandwidth, low-latency, dedicated I/O channels, QoS and RDMA features can lower capital expenses and operating costs making it the right choice for storage.
- **Embedded** - InfiniBand has emerged as an ideal solution for many embedded applications such as high-speed I/O links, reliable backplanes, and scaleable switch fabrics. With reliability, availability, and serviceability (RAS) built into the architecture, InfiniBand's superior capabilities are enabling outstanding functionality in non-traditional systems.
- **Performance** - High-performance compute clusters require a high-performance interconnect technology providing high bandwidth, low latency and low CPU overhead resulting in high CPU utilization for the application's compute operations.



Applications and Markets

InfiniBand is increasingly becoming an interconnect of choice in not just high performance computing environments, but also in mainstream enterprise grids, data center virtualization solutions, storage, and embedded environments. The low latency and high performance of InfiniBand coupled with the economic benefits of its consolidation and virtualization capabilities provides end-customers the ideal combination as they build out their applications. Learn how Mellanox's InfiniBand and Ethernet technology can take your solution to the next performance level:



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