



Mellanox to Ship Record of More Than One Million ConnectX Adapters in Q3 2019

Recently Introduced ConnectX-6 Dx and BlueField-2 SmartNICs and I/O Processing Units (IPUs) are Expected to Fuel Further Growth

Mellanox Technologies, Ltd., a leading supplier of high-performance, end-to-end smart interconnect solutions for data center servers and storage systems, today announced it is on track to ship over one million ConnectX and BlueField Ethernet network adapters in Q3 2019, a new quarterly record.

This milestone reflects the growing need of public and private clouds, telco operators and enterprise data centers for faster compute and storage platforms, driving the adoption of faster, more advanced and more secured networking infrastructure. As a result, leading data centers worldwide select the award-winning ConnectX and BlueField SmartNICs, to leverage networking speeds of 25, 50, 100, and 200 Gb/s, and take advantage of advanced offload capabilities to accelerate networking, virtualization, storage and security tasks alike -- freeing up server CPUs for money-making applications.

"We are thrilled to see ConnectX and Ethernet SmartNICs exceed the one million parts shipment mark in a single quarter. We expect this number to continue and grow in the coming quarters as more of the market is transitioning to 25 Gb/s Ethernet and faster speeds," said Eyal Waldman, president and CEO of Mellanox Technologies. "The extensive portfolios of ConnectX cards and ICs, and BlueField IPUs, are positioned for a wide variety of data-center, cloud and AI applications, delivering maximum productivity, efficiency, scalability and return on investment. We're proud to be the only vendor to ship Ethernet NICs at speeds ranging from 10 to 200 Gb/s in production to multiple markets and applications."

Recently Introduced ConnectX-6 Dx and BlueField-2 to Fuel Further Growth

The ConnectX and BlueField families of Ethernet SmartNICs and IPUs provide high-throughput, low-latency server and storage connectivity. The recently introduced ConnectX-6 Dx and BlueField-2 are the next-generation cloud SmartNICs and I/O Processing Unit (IPU) solutions, delivering unprecedented data center security, performance and efficiency at massive scale, for any workload.

ConnectX-6 Dx is the world's leading secure cloud SmartNIC, which provides up to two ports of 25, 50 or 100Gb/s, or a single port of 200Gb/s Ethernet connectivity and PCIe 4.0 host connectivity. ConnectX-6 Dx's innovative hardware offload engines include IPsec and TLS inline data-in-motion encryption, advanced network virtualization, RoCE and NVMe over Fabrics (NVMe-oF) storage accelerations.

The BlueField-2 IPU integrates all the advanced capabilities of ConnectX-6 Dx with an array of powerful Arm processor cores, high performance memory interfaces, and flexible processing capabilities in a single System-on-Chip (SoC), supporting both Ethernet and InfiniBand connectivity up to 200Gb/s. BlueField-2-based embedded controllers are ideal for building highly efficient and cost-effective flash storage, security, IoT and edge computing platforms. BlueField-2 SmartNICs can act as a coprocessor that puts a computer in front of the computer to transform bare-metal and virtualized environments using advanced software-defined networking, NVMe SNAP storage disaggregation, and enhanced security capabilities. Furthermore, BlueField-2 delivers unmatched performance and efficiency for AI workloads in the cloud or at the network edge.

Supporting Resources:

- Learn more about [Mellanox ConnectX Ethernet NICs](#)
- Learn more about [Mellanox BlueField IPUs](#)
- Learn more about [Mellanox ConnectX-6 Dx SmartNICs](#)
- Learn more about [Mellanox BlueField-2 IPUs](#)

About Mellanox

Mellanox Technologies (NASDAQ: [MLNX](#)) is a leading supplier of end-to-end Ethernet and InfiniBand smart 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, unlocking system performance and improving data security. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application performance and maximize business results for a wide range of markets including cloud and hyperscale, high performance computing, artificial intelligence, enterprise data centers, cyber security, storage, financial services and more.

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