

Mellanox Introduces New LinkX 200G & 400G Cables & Transceivers at CIOE, Shenzhen, China and ECOC, Dublin, Ireland 2019

Announcing Active DACs, QSA56 Port Adapters and 400G DR4 Transceivers Showing Our Full Line of 100G, 200G and 400G DAC and AOC Cables and Transceivers

Mellanox Technologies, Ltd., a leading supplier of optical transceivers and high-performance, end-to-end smart interconnect solutions for data center servers and storage systems, today announced new 400G DR4 500m transceivers and 400G DAC splitters and 100G SFP-DD DAC cables for server/storage interconnects. In addition, new 200G "active" DAC cables for HDR InfiniBand and 200GbE Ethernet were introduced to extend copper cable reach up to four meters. Lastly, new QSA56 Port Adapters enable single-channel SFP cables and transceivers to be connected to 200G switch or network adapter ports. QSA56 supports cables and transceivers from 0.5m to 10km.

Mellanox is demonstrating these LinkX products as well as showcasing the full line of 100/200/400G cables and transceivers at the China International Optoelectronic Expo (CIOE) September 4th in Shenzhen, China and the European Convention for Optical Communications (ECOC) Sept 21st in Dublin, Ireland.

"We've had tremendous adoption of our full line of LinkX 25/50/100G cables and transceivers with web-scale, cloud computing, and OEM customers in China and worldwide," said, Steen Gundersen, vice president LinkX interconnects, Mellanox Technologies. "We are just at the beginning of the transition to 200G and 400G will soon follow. Customers select Mellanox because of our expertise in high-speed interconnects, our capacity to ship in volume, and the high quality of our products."

All Mellanox cables and transceivers are designed for very low Bit Error Ratios (BER) of 1E-15, about 1,000 times better than the IEEE industry standard. Error-free connectivity for both Ethernet and InfiniBand is particularly important for latency sensitive applications such as HPC networking, storage, artificial intelligence and hyperscale computing.

At ECOC, together with Ixia, A Keysight Business, using its A400GE-QDD test system and Mellanox 400G DR4 and 200G SR4 transceivers, a live demonstration will exhibit better than IEEE specified FEC (Forward Error Correction) error density and BER performance.

"Ixia is pleased to continue working closely with Mellanox for ECOC live demonstration of interconnect solutions such as 400G DR4 QSFP-DD and 200G QSFP56 products," said Nelson Murga, Senior Systems Architect at Ixia Solutions Group, Keysight Technologies. "Using both Ethernet and PRBS signals over Mellanox's interconnects with our test system validates performance that exceeds the requirements of the 400GbE and 200GbE standards."

See Mellanox LinkX cables and transceivers, Spectrum switches, and ConnectX network adapters in action in Mellanox booths: CIOE Hall 1, 1A22-1 and ECOC Hall 1, booth 53.

Supporting Resources:

- Learn more on [LinkX cables and transceivers](#)
- Read [Blog on Mellanox 25G/100G Cables and transceivers](#)

About Mellanox

Mellanox Technologies is a leading supplier of end-to-end InfiniBand and Ethernet 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 and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, cables and transceivers, 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.

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