New to Mellanox? Looking to increase the speed of your existing Mellanox network? Using Mellanox InfiniBand, but want to try Ethernet?

Introducing a complete end-to-end Ethernet bundle featuring Spectrum SN2100, up to 100GbE Ethernet. A lab ready, low-cost entry point to world-class, high speed Ethernet performance. Experience higher data speeds, lowest latency, and zero packet loss. See this gear first hand in your environment. Four bundle options allow you to select the right choice for your network. Order, connect, experience.

Why Mellanox?

The only vendor selling end-to-end Ethernet Connectivity solutions – Adapters, Switches, Cables, Software, and Support

The Mellanox difference is in the chip. Founded as a state-of-the-art silicon chip (ASIC) manufacturer, Mellanox designs and builds their intelligent ASICs that power the switches, adapters, and cables.

Systems built to maximize datacenter connectivity ROI through density, scale, and performance with the smallest footprint and lowest power consumption.

Open Ethernet with a choice of Network OS.

Silver Support - 1 Year

Advance Hardware Replacement
Advance Hardware Replacement (priority air ship within Next Business Day of approved RMA)

Software Maintenance
Embedded Software maintenance - Updates and Bug Fixes

Support Web Access
Support web access - knowledge base, doc search, web case

Training Center Access
Access to On-Line technical Training Center

TAC eSupport
TAC eSupport - E-mail/Web

Toll Free TAC Access
Toll free TAC access (normal business hours for US/EMEA/APAC TAC centers)

4hr Committed TAC Response
4hr committed TAC response (normal business hours for US/EMEA/APAC TAC centers)
100GbE POC Open Ethernet Switch Proof of Concept Bundle

The SN2100 open ethernet proof of concept (POC) bundle allows you to experience 100GbE in your testing environment. Let’s find out if this POC meets the growing demands of your organization.

<table>
<thead>
<tr>
<th>OPN Number</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSN2100-CB2F</td>
<td>1</td>
<td>Mellanox Spectrum™ based 100GbE, 1U Open Ethernet Switch with MLNX-OS, 16 QSFP28 ports, 2 Power Supplies (AC), short depth, Rangeley CPU, P2C airflow, RoHS6</td>
</tr>
<tr>
<td>MCX416A-CCAT</td>
<td>4</td>
<td>ConnectX-4 EN network interface card, 100GbE dual-port QSFP28, PCIe3.0 x16, tall bracket, ROHS R6 14.2cm x 6.9cm (Low Profile)</td>
</tr>
<tr>
<td>MCP1600-C001</td>
<td>4</td>
<td>Mellanox® Passive Copper cable, ETH 100GbE, 100Gb/s, QSFP, PVC, 1m 30AWG</td>
</tr>
<tr>
<td>MTEF-KIT-D</td>
<td>1</td>
<td>Rack installation kit</td>
</tr>
<tr>
<td>SUP-SN2100-1S</td>
<td>1</td>
<td>Mellanox Technical Support and Warranty - Silver, 1 Year, for SN2100 Series Switch</td>
</tr>
</tbody>
</table>

**MSN2100-CB2F**

The SN2100 Open Ethernet, Half-width, 16-port, Non-blocking, 100GbE Switch provides a high density, side-by-side 100GbE switching solution which scales up to 128 ports in 1RU for the growing demands of today’s database, storage, data centers environments. The SN2100 switch is an ideal spine and top of rack (ToR) solution, allowing maximum flexibility, with port speeds spanning from 10Gb/s to 100Gb/s per port and port density that enables full rack connectivity to any server at any speed. The uplink ports allow a variety of blocking ratios that suit any application requirement. Powered by the Mellanox Spectrum™ ASIC and packed with 16 ports running at 100GbE, the SN2100 carries a whopping throughput of 3.2Tb/s with a landmark 4.76Bpps processing capacity in a compact 1RU form factor.

**MCX416A-CCAT**

This Network Controller addresses virtualized infrastructure challenges, delivering best-in-class and highest performance to various demanding markets and applications. Providing true hardware-based I/O isolation with unmatched scalability and efficiency, achieving the most cost-effective and flexible solution for Web 2.0, Cloud, data analytics, database, and storage platforms.

**MCP1600-C001**

Mellanox’s LinkX passive copper cables provide robust connections for leading edge 100Gb/s systems. Passive copper cables require no additional power to ensure quality connectivity. The 100Gb/s passive copper cables are fully compliant with SFF-8436 specification and provide connectivity between devices using QSFP28 ports. Mellanox’s LinkX 100Gb/s passive copper cables fill the need for short, cost-effective connectivity in the data center.

**MTEF-KIT-D - Rack installation kit for SN2100 series**

Short depth 1U switches, allows installation of One or Two switches side-by-side into standard depth racks.