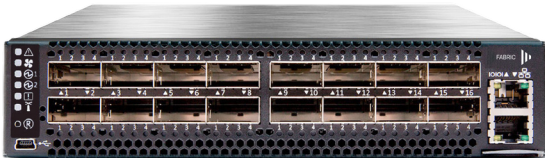# Fabric

SUPERCHARGE YOUR CONNECTIVITY

Fabric is a preconfigured network switch built to connect your VX and RX servers at the highest bandwidth so that each frame is delivered accurately.

WARRANTIES & SUPPORT

- 2 year return to base hardware warranty (plus options to extend warranty length)

BUNDLED ACCESSORIES

Standard Bundle: Rack Mount Kit, Quick Start Guide, 2x IEC C13 to C14 Power Cables, Mellanox 3-year support

Small Bundle: Standard Bundle + 10x 25GbE Optical Transceiver, 3x 100GbE Optical Transceiver, 3x MTP to Quad LC OM4 break-out fibre cable (5m)

Medium Bundle: Standard Bundle + 20x 25GbE Optical Transceiver, 5x 100GbE Optical Transceiver, 5x MTP to Quad LC OM4 break-out fibre cable (5m)

Small Bundle 100G: Standard Bundle + 8x 25GbE Optical Transceiver, 6x 100GbE Optical Transceiver, 2x MTP to Quad LC OM4 break-out fibre cable (5m), 2x MTP to MTP OM4 fibre cable (5m)

Medium Bundle 100G: Standard Bundle + 16x 25GbE Optical Transceiver, 12x 100GbE Optical Transceiver, 4x MTP to Quad LC OM4 break-out fibre cable (5m), 4x MTP to MTP OM4 fibre cable (5m)

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	335mm 13.19"	220mm 8.66"	850mm 33.46"
Unit Dimensions	200mm 7.87"	43.8mm 1.72"	508mm 20"
Unit Weight	4.54kg 10lbs		
Packed Unit Weight	10kg 22lbs		

Fabric

HARDWARE SPECIFICATIONS

Voltage: 100-240VAC, 50/60Hz*
Power Consumption:
- Typical Power 94.3W (typical power with passive cables)
- Max power with optical cables: 248.6W (assuming 3.5W per each QSFP28 port)

Operating System: Mellanox Onyx
Mounting Systems: 1U 19" rack mount

Environmental Tolerances: Temperature: 0-40°C (32°-104°F) / Humidity: 10%-85% (non-condensing) / Altitude: 0-10,000 ft (0-3050m)
Throughput: 3.2Tb/s
Speed:
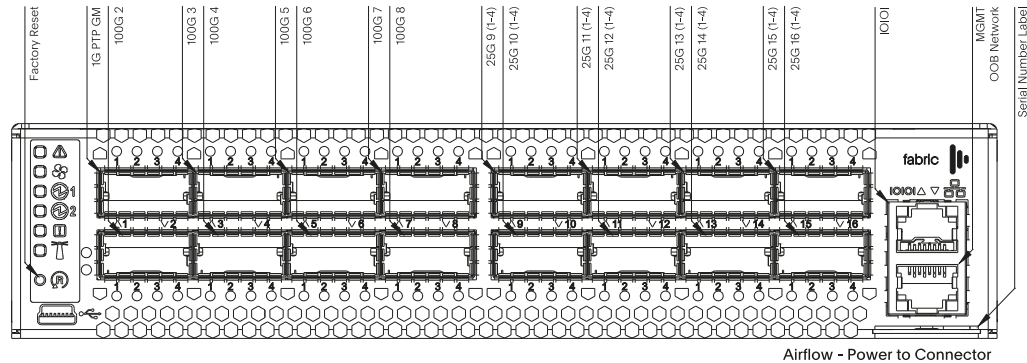- 1x 1GbE
- 7x 100GbE
- 32x 25GbE (Quad Split)

Configurable to: 1/10/25/40/50/100GbE per port

SYSTEM CONNECTIVITY I/O

Connector Cage: 16x QSFP28
Supported Modules and Cables:
- QSFP28, SFP28 short and long range optics
- QSFP28 to QSFP28 DAC cable
- QSFP breakout cables 100GbE to 4x 25GbE DAC, optical

Airflow - Power to Connector

** for countries with variable power supply, we recommend a UPS to provide a consistent voltage.