

NMC-6003

2 Ports 100GbE QSFP28 Network Mezzanine Card




Features

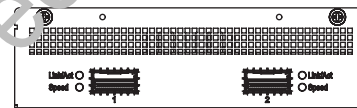
- Single host NIC solution by using Intel E810-CAM2
- Overlay networks support : VxLAN & NVGRE
- CPU offload : TSO, LRO, GRO
- Jumbo frame support (9.6KB)
- Compatible with FWA-5070, FWA-6070 Platform



Hardware Specifications

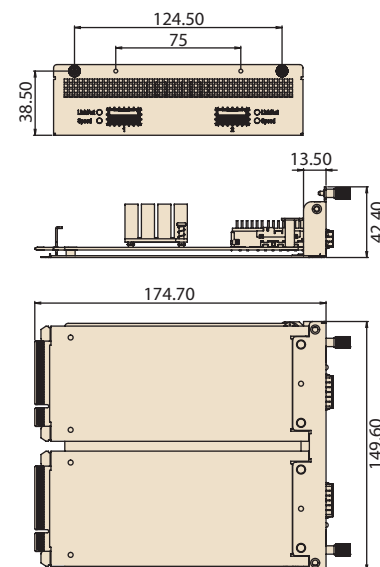
| | |
|--|---|
| Controller | Intel E810-CAM2 |
| IEEE Standard | IEEE 802.3bj, 802.3bm 100 Gigabit Ethernet IEEE 802.1Q, 802.1P VLAN tags and priority IEEE 802.1Qau (QCN) – Congestion Notification IEEE 802.1Qaz (ETS) IEEE 802.1Qbg |
| Jumbo frame support (9.6KB) | Yes |
| Host Interface | PCIe x16, Gen4 |
| Physical Interface | 2 x QSFP28 ports |
| Data Rate | 2 x 100G |
| NMC Type | Thumbscrews |
| LAN LED definition | Speed LED: Non-100Gbps: Amber on (Downgrade speed) 100Gbps: Green on (Maximum)  |
| Transceiver types | LR4, SR4, AOC, DAC |
| Operating Temperature (Air flow 0.7 m/sec) | 0°C ~ 40°C (32°F ~ 113°F) with system |
| Storage Temperature | -20°C ~ 65°C (-28°F ~ 149°F) |
| Storage Humidity | 5 ~ 85 % @ 60 °C (140 °F) |
| Dimension (W x H x D) | 149.6 x 42.4 x 174.7 mm |
| Weight | 0.5 kg |
| Compliance | CE/FCC, RoHS |

Front Panel Diagram



Dimensions

Unit: mm



Software Specification & Features

| Item | Specification / Features |
|--------------------------|--|
| OS Support | RHEL/CentOS |
| Overlay Networks Support | VxLAN & NVGRE |
| QoS | Strict Priority, ETS, Rate Limit & Packet Pacing |
| QCN | Supported |
| CPU offload | Checksum offload, RSS & Flow steering |
| DPDK | Supported |
| Promiscuous Mode | Supported |

Ordering Information

| Part Number | Description |
|-----------------|---------------------------------------|
| NMC-6003-02FSA1 | 2 Ports 100GbE QSFP28 Thumbscrew Type |

I/O Drawing

