

NMC-6003

2 Ports 100GbE QSFP28 Network Mezzanine Card




Features

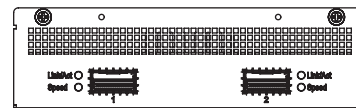
- Single host NIC solution by using Intel E810-CAM2
- Overlay networks support : VxLAN & NVGRE
- CPU offload : TSO, LRO, GRO
- Jumbo frame support (9.6KB)
- Compatible with FWA-5070, FWA-6070 Platform



Hardware Specifications

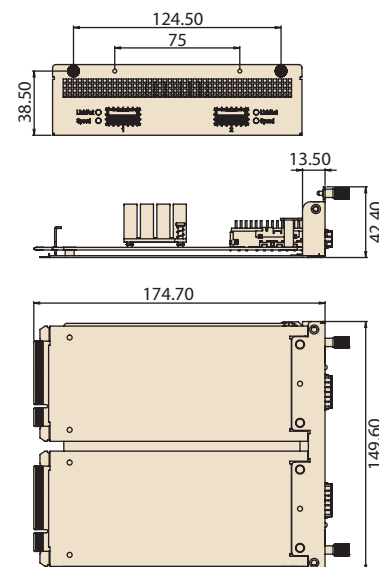
Controller	Intel E810-CAM2
IEEE Standard	IEEE 802.3bj, 802.3bm 100 Gigabit Ethernet IEEE 802.1Q, 802.1P VLAN tags and priority IEEE 802.1Qau (QCN) – Congestion Notification IEEE 802.1Qaz (ETS) IEEE 802.1Qbg
Jumbo frame support (9.6KB)	Yes
Host Interface	PCIe x16, Gen4
Physical Interface	2 x QSFP28 ports
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 (23°F~113°F) with system
Storage Temperature	-20°C ~ 65°C (-4°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

