

NMC-6002FD

100GbE single host NIC card with dual QSFP28 ports

NEW



Features

- Single host NIC solution
- Overlay networks support : VxLAN & NVGRE
- CPU offload : TSO, LRO, GRO
- Jumbo frame support (9.6KB)
- Compatible with FWA-6520 & FWA-5020 Broadwell platform

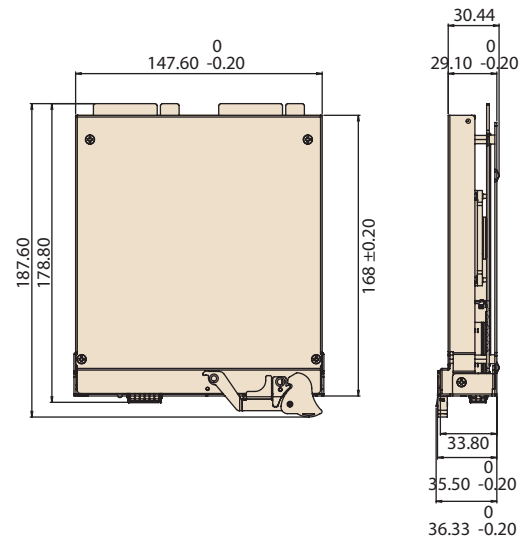


Hardware Specifications

Controller	Mellanox ConnectX-4 (MT27708A0-FDCF-CE)
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	2 x PCI-E 3.0 x8
Physical Interface	2 x QSFP28 ports
Data Rate	100 Gbps
NMC Type	Latch
LAN LED definition	Active / Link LED Active: Green blinking Link: Green on
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)	147.4mm x 36.3mm x 187.6mm
Weight	0.5 kg
Compliance	CE/FCC, RoHS
FWA Compatible List	FWA-6520 & FWA-5020 with Broadwell platform

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-6002FD-02A1L	NMC-6002 dual ports, latch type

I/O Drawing

