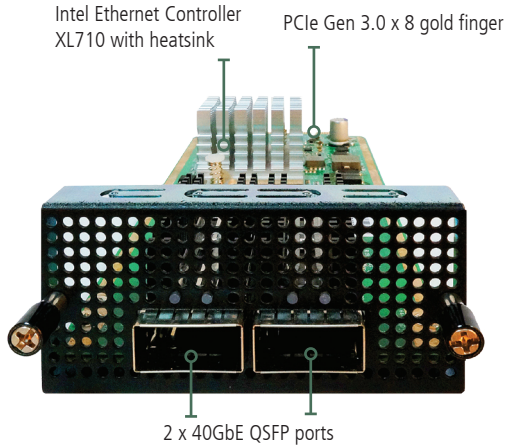


NCS2-IQM201

Dual ports 40G QSFP NIC Module with Intel® XL710 Ethernet Controller



Overview

NCS2-IQM201 is a 2-port 40G NIC module with QSFP Fiber connector. The NIC module can be installed onto FW-8896 network appliance to expand the network connectivity to 2 x 40GbE transmission capability.

Features

40 Times Faster by High-Performance 40 GbE

The NCS2-IQM201 40 GbE NIC module provides two QSFP connectors which can connect 40G QSFP fiber Gigabit Ethernet.

Intel® XL710 40 GbE Controller

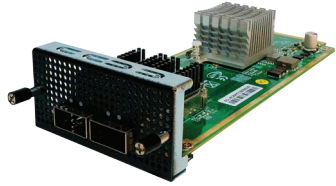
The new Intel® XL710 Ethernet Controller series aims to extend virtualization capabilities and travels in PCIe Gen 3.0 x 8 connector for optimized hardware acceleration.

Two QSFP 40 GbE ports

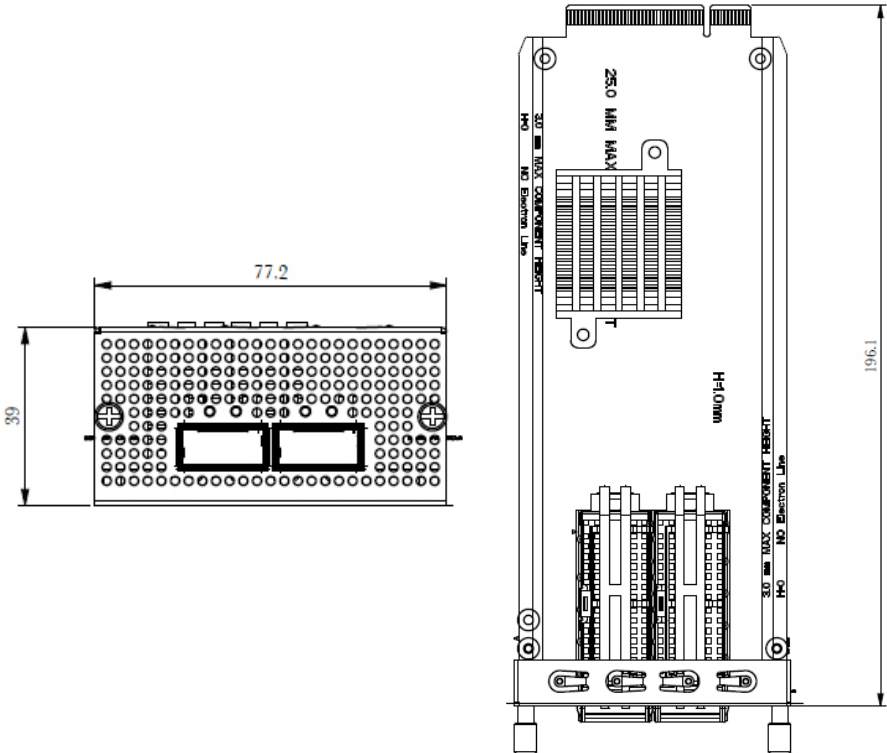
This NIC module offers the expansion of 2 QSFP 40GbE LAN ports (using Intel XL710) to work with fiber cabling, theoretical maximum of 80 Gbps bi-directional throughput (40 Gbps in; 40 Gbps out).

PCI Express™ 3.0 x 8

NCS2-IQM201 comes with PCI Express Gen 3 x8 gold fingers. It can be inserted into PCIe 3.0 x 8 NIC module slot of Lanner network appliances but also backward compatible with PCIe Gen 2.1. The maximum interface transfer rate of PCIe Gen 3 can reach up to 8 GT/s bit rate.



Dimensions 196.1 x 77.2 x 39 mm



Preliminary Specifications

| | | |
|----------------------------|-----------|----------------------------------|
| PCB | | IQM201 |
| Chipset | | Intel XL710 |
| Interface | | 1 x PCIe Gen 3.0 x 8 gold finger |
| Connector | | 2 x QSFP 40G ports |
| Switch | | N/A |
| Temperature | Operating | 0 ~ 40°C |
| | Storage | -40~70°C |
| Cooling | | Locking mechanism type heatsink |
| Humidity | | 5%~90% RH, Non-condensing |
| Physical Dimensions | | PCB: 194 x 75 mm |
| PCB Layer | | 8 Layers |
| Certifications | | CE Class A, FCC Class A |

Ordering Information

NCS2-IQM201A

2 x 40 GbE QSFP ports NIC module with Intel XL710

Compatible Lanner FW Network Appliances

| Slim Module | FW-8771 | FW-8877 | FW-8896 |
|-------------|---------|---------|---------|
| NCS2-IQM201 | Yes | Yes | Yes |