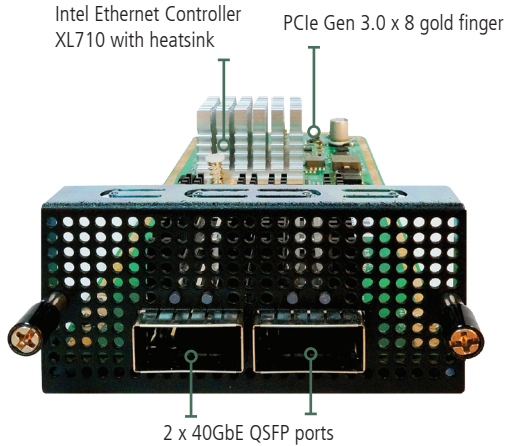


# NCS2-IQM201

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

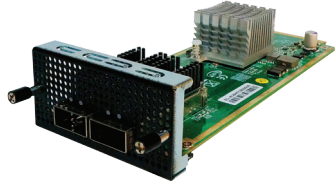
The new Intel® XL710 Ethernet Controller series aims to extend virtualization capabilities and travels in PCIe Gen 3.0 x 8 connector for optimized hardware acceleration.

### Two QSFP 40 GbE ports

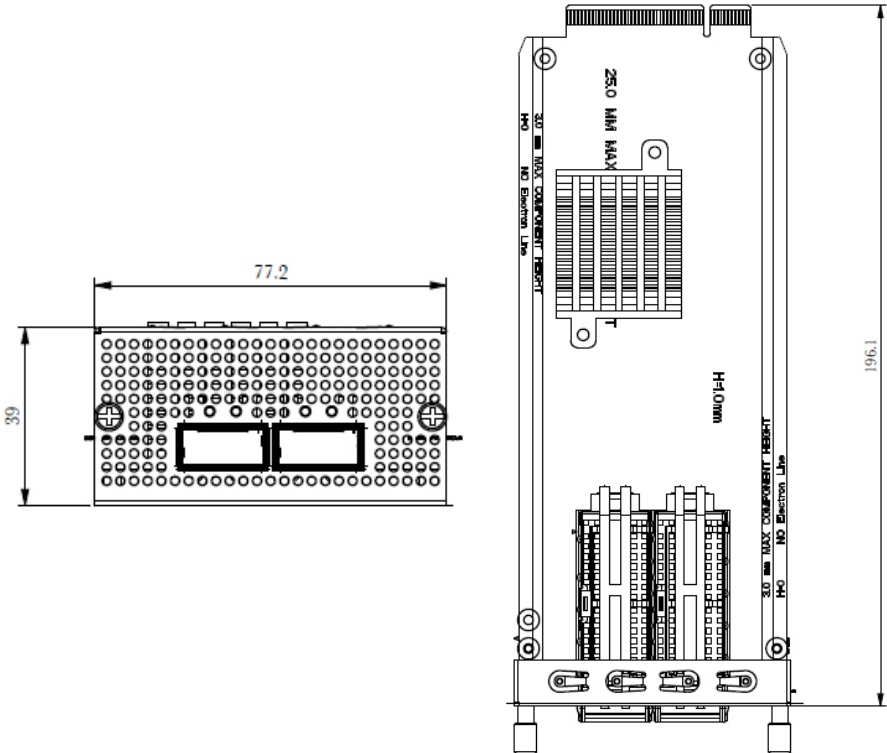
This NIC module offers the expansion of 2 QSFP 40GbE LAN ports (using Intel XL710) to work with fiber cabling, theoretical maximum of 80 Gbps bi-directional throughput (40 Gbps in; 40 Gbps out).

## 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

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

V1.0.0