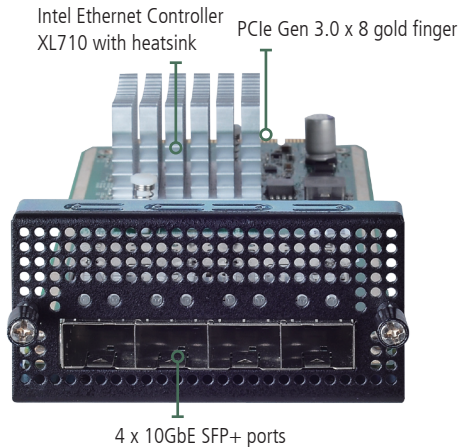


# NCS2-IXM407

**4 ports 10G SFP+ NIC Module with Intel® XL710 Ethernet Controller**



## Overview

NCS2-IXM407 is a 4-port 10G NIC module with SFP+ Fiber connector. The NIC module can be installed onto FW-8896 network appliance to expand the network connectivity to 4 x 10G network capability.

## Features

### 10 Times Faster by High-Performance 10 GbE

The NCS2-IXM407 10 GbE NIC module provides four SFP+ connectors which can connect 10G SFP+ fiber Gigabit Ethernet.

### Intel® XL710-AM1 10 GbE Controller

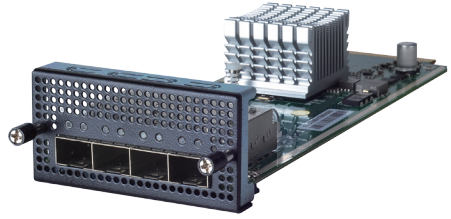
The new Intel® XL710 Ethernet Controller series aims to extend virtualization capabilities and travels in PCIe Gen 3.0 x 8 connector for optimized hardware acceleration.

### Four SFP+ 10 GbE ports

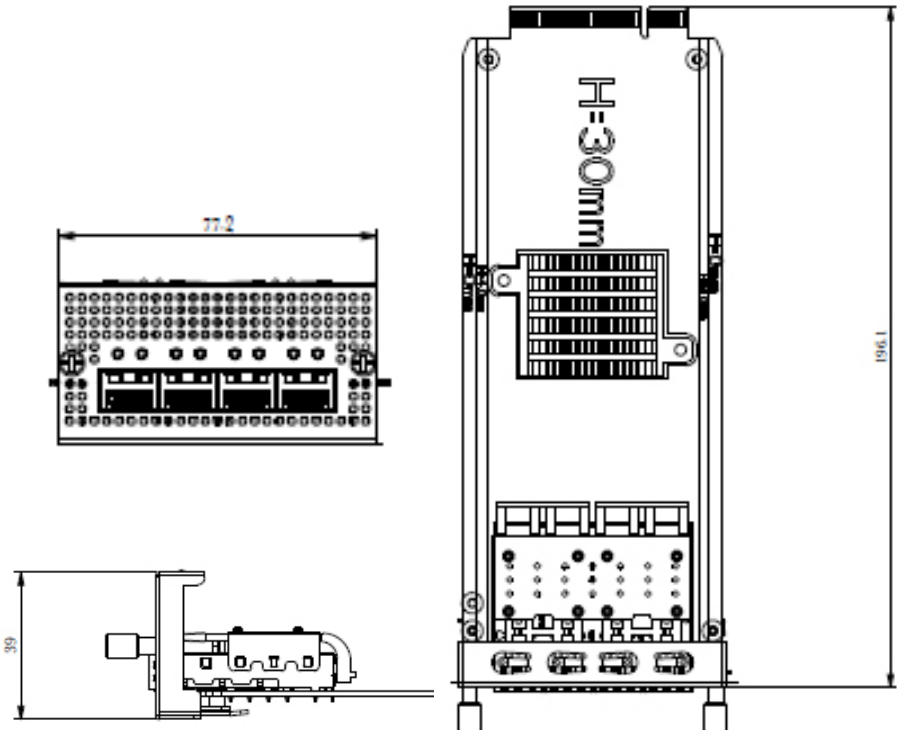
This NIC module offers the expansion of 4 SFP+ 10GbE LAN ports (using Intel XL710) to work with fiber cabling, theoretical maximum of 40 Gbps bi-directional throughput (20 Gbps in; 20 Gbps out).

## PCI Express™ 3.0 x8

NCS2-IXM407 comes with PCI Express Gen 3 x8 golden fingers. It can be inserted into PCIe 3.0 x8 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>		IXM407
<b>Chipset</b>		Intel XL710
<b>Interface</b>		1 x PCIe Gen 3.0 x 8 gold finger
<b>Connector</b>		4 x SFP+ 10G 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

<b>NCS2-IXM407</b>	4 x 10 GbE SFP+ ports NIC module with Intel XL710
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## Compatible Lanner FW Network Appliances

<b>Slim Module</b>	<b>FW-8771</b>	<b>FW-8877</b>	<b>FW-8896</b>
NCS2-IXM407	Yes	Yes	Yes

V1.0.0