

# PuIM-100G2SF-CX6

Mellanox ConnectX-6 Lx based Network Interface Card with 2 x QSFP28 by 1 PCIe 4.0 x16 interface



## Features

- » ConnectX-6 Dx dual 100GbE network IC support 1/10/25/40/50/100 Gb/s
- » Ethernet with Host Interface > PCIe Gen 3.0/4.0 x16 Cyber Security
- » Inline hardware IPsec encryption & decryption
- » Inline hardware TLS encryption & decryption
- » Data-at-rest AES-XTS encryption & decryption
- » Platform security : 1. Hardware root-of-trust, 2. Secure firmware update
- » Stateless Offloads
- » TCP/UDP/IP stateless offload > LSO, LRO, checksum offload
- » Advanced Timing & Synchronization
- » Storage Accelerations
- » RDMA over Converged Ethernet (RoCE)

## Specifications

Physical Characteristics	
Dimensions (LxWxH) (mm)	162.2 x 74 x 41.85
I/O Interface	
Ethernet	2 x LAN: 2 x QSFP28
Environment	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Humidity	5% ~ 90% non-condensing
Certifications	
Safety & EMC	CE, FCC, RoHS
Card Slot Interface	
PCIe	PCIe 4.0 x16
Card Features	
Speed	1/10/25/40/50/100 Gb/s
Controller Chip	Mellanox ConnectX-6 Dx

## Packing List

2 x PuIM-100G2SF-CX6	
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