

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

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|----------------------|--|
| 2 x PuIM-100G2SF-CX6 | |
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