

# PuIM-25G2SF-MLX

Mellanox ConnectX-4 Lx based Network Interface Card support Dual 25GbE with 2 x SFP28 and PCIe 3.0 x8 Interface



## Features

- 1 x Mellanox ConnectX-4 Lx EN
- 2 x 25 GbE SFP28 connectors
- PCIe 3.0 x8
- RoHS/CE/FCC compliant

## Specifications

Model Name	PuIM-25G2SF-MLX
Form Factor	IEI Networking Module - PuIM
NIC	Mellanox ConnectX-4 Lx EN
LAN Bypass	N/A
LAN Interface	SFP28
Speed	1GbE/10GbE/25GbE
Ports	2
Host Interface	PCIe 3.0 x8
Storage Temp.	-20°C ~ 75°C (-4 ~ 167°F)
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Humidity	5% ~ 90% RH, Non-condensing
Dimensions (mm)	165.50 (L) x 77.8 (W) x 44.2 (H)
Compliance	RoHS/CE/FCC

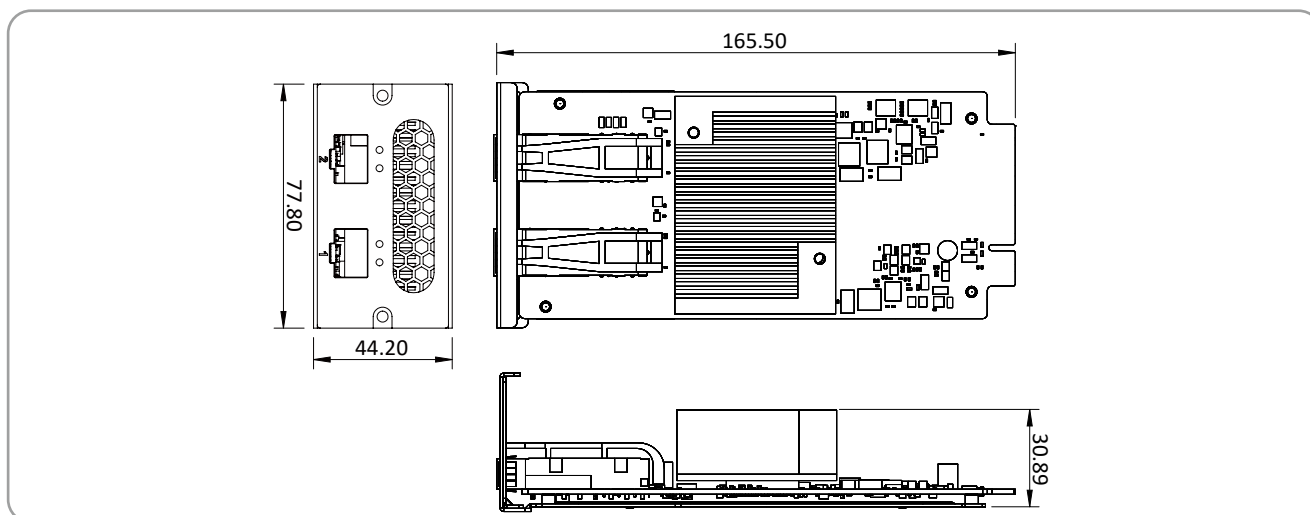
## Packing List

1 x PuIM-25G2SF-MLX module	1 x L-shaped T10 Plum Wrench
2 x Torx Screws	1 x QIG

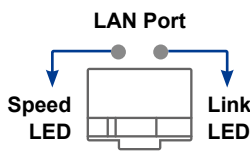
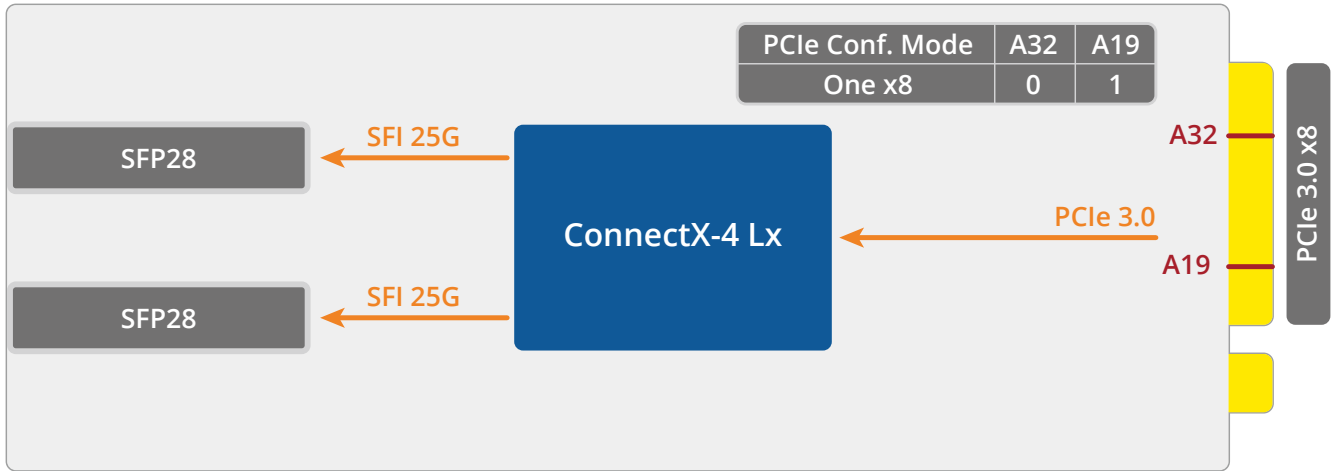
## Ordering Information

Part No.	Description
PuIM-25G2SF-MLX-R10	Mellanox ConnectX-4 Lx based Network Interface Card support Dual 25GbE with 2 x SFP28 by 1 PCIe 3.0 x8 Interface, RoHS

## Dimensions (Unit: mm)



## ▶ Block Diagram



LED	State	Description
Link (Right)	Yellow	Active
Speed (Left)	Green	25 Gbps data rate
	Yellow	10 Gbps/1 Gbps data rate

## ▶ Hardware Installation

Install the PuIM-25G2SF-MLX networking module into the slot of the PUZZLE series. The Slot A supports 8 lanes from CPU (1 PCIe x8 or 2 PCIe x4); the Slot B supports 8 lanes from PCH (2 PCIe x4 or 4 PCIe x2).

When the PuIM-25G2SF-MLX is installed into the Slot B, the LAN ports function normally, but with half of the bandwidth.

