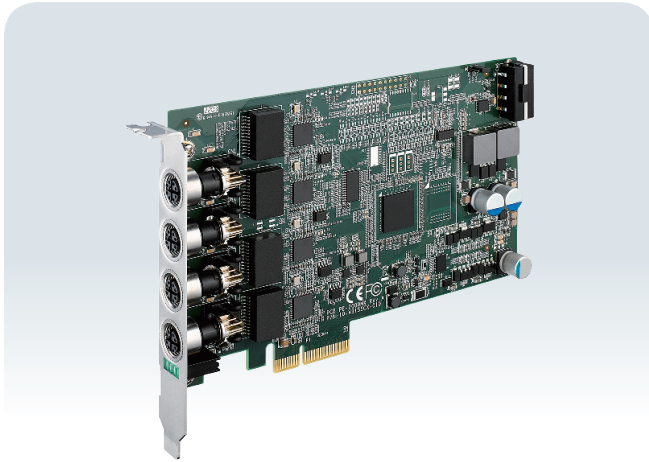# PE-2004MX (M12)

Intel® I210 4-port X-coded M12 GigE IEEE 802.3at PoE⁺ Expansion Card, PCI Express x4, -25°C to 70°C
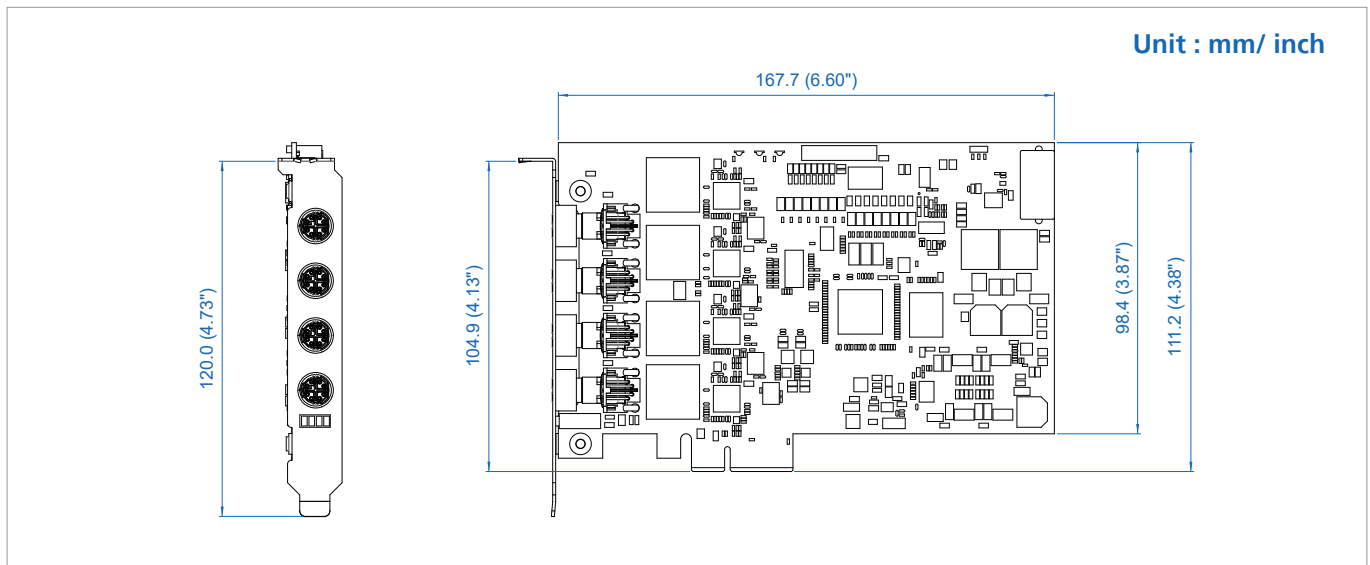
Features

- Meets the standard PCIe card width (14.5mm)
- Intel® I210 1GBASE-T Ethernet Controller support 4 independent GigE LAN, up to 1Gbps data rate
- PCI Express x4 interface
- IEEE 802.3at Power over Ethernet (PoE⁺), rugged X-coded M12 connectors, up to 25.5W Power Output at 48V DC per port, with PoE⁺ On/Off Control
- Enhanced Transmission Selection (draft IEEE 802.1Qaz) Priority Flow Control (draft IEEE 802.1Qbb)
- Up to 9728 bytes Jumbo Frame, Supports PXE
- Support Intel® Virtualization Technology (VT)
- -25°C to 70°C Operating Temperature

Specifications

Ethernet

Power Requirement	PCI Express x4
LAN Controller	Intel® Ethernet Controller I210
LAN Controller Qty	4
Data Rate	1Gbps/ 100 /10 Mbps
Number of Port	4
Jumbo Frame	Up to 9728 bytes
Connector	8-pin X-coded M12 Connector
PoE Standard	IEEE 802.3at compliant

Power Requirement

Output	- Up to 25.5W Power Output @48V DC per port - 4 LED for PoE On/Off Mode
Power Connector	1 4-pin 12V Power Connector

Software Support

OS	Windows 10, Linux

Mechanical

Dimensions (W x L)	168mm x 105mm (6.6 " x 4.1 ")
Bracket	Full height

Environment

Operating Temperature	-25°C to 70°C (-13°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @ 70°C
EMC	CE, FCC

Unit : mm/ inch

167.7 (6.60")

120.0 (4.73")

104.9 (4.13")

98.4 (3.87")

111.2 (4.38")

Order Information

PE-2004MX	4-port GigE PoE⁺ M12 X-coded LAN Card with Intel® I210 Controllers