

# MEC-LAN-P014

PCI-e 4 port 10/100/1000 Ethernet PoE+ card with M12 x-coded Connector



- Quad-Lane (x4) PCI-Express with throughput up to 5.0/2.5Gbps
- Fully compliant with PCI-Express Base Specification Rev. 2.0
- Integrated 10/100/1000Mbps transceiver
- Support four isolated GbE LAN ports
- Four independent PSE channels
- Support Wake-on-LAN
- Complies with IEEE 802.3at
- Support power input 12V ~ 24V from 6pin PCIE-ATX



## Overview

MEC-LAN-P014 is a quad isolated GbE LAN module for embedded PC. The card follows the PCI-e standard which is compliant with PCI Express x 4 classification. This board fits in any host computer that has PCI-e card slots. MEC-LAN-P014 is a highly cost-effective solution to expand Gigabit network for your computer. External Power over Ethernet Plus (PoE+) module ensures reliable power and data transfer and supplies more power than standard PoE. MEC-LAN-P014 with special M12 connection design provides extremely ruggedness and reliability for Ethernet devices.

### Top Performance

MEC-LAN-P014 has four Ethernet ports that support auto-negotiation 10/100/1000Mbps Ethernet connection with IEEE 802.3x flow control.

### Intel Ethernet Chipset

MEC-LAN-P014 uses high performance, efficiency, and stability Intel I210 Gigabit Ethernet Controller.

### High Usability

MEC-LAN-P014 is designed with flexibilities for many different application and accessories (heat sink, bracket) are included in the standard package.

## Specifications

### General

#### PCI-Express Revision:

PCI-Express Base Specification Rev. 2.0

#### PCI-Express Electromechanical Revision:

PCI-Express Base Specification Rev. 2.0

### Form Factor

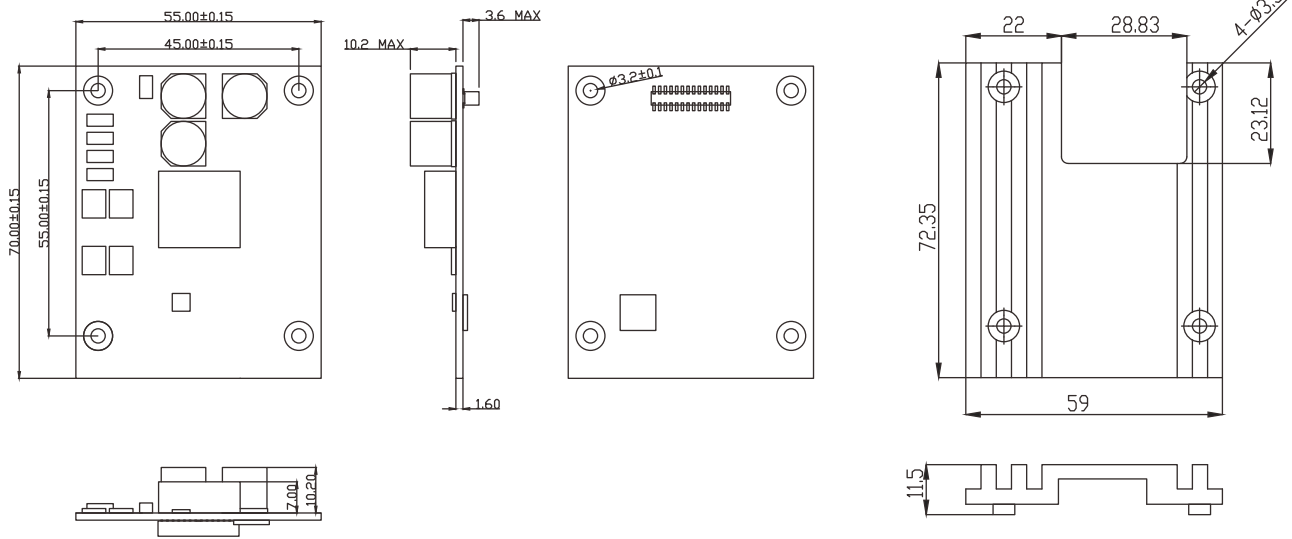
Standard PCI-Express GEN2x4

### Interface (Connector)

Ethernet 10/100/1000: 4 (M12 x code)



## PoE+ Module (with Heatsink)



## Package Checklist

### MEC-LAN-P014

- PCI-e LAN Card x1
- Bracket x1
- Quick Installation Guide (Printed) x1

### MEC-LAN-P014P

- PCI-e LAN Card x1
- PoE+ Module (with Heatsink) x1
- Bracket x1
- Quick Installation Guide (Printed) x1



## Ordering Information

### Available Models

MEC-LAN-P014 PCI-e 4 port 10/100/1000 Ethernet card with M12 x-coded Connectors

MEC-LAN-P014P PCI-e 4 port 10/100/1000 Ethernet PoE+ card with M12 x-coded Connectors