

# ME-02POE-R10

## 2-Port PoE Gigabit Ethernet Xpansion Module Dual Intel® I210-IT, mPCIe, RJ45



### Features

- Mini PCI Express I/F
- Dual Intel i210-IT Controller, Integrated GbE MAC/PHY
- Support 10/100/1000 Mbps Data Rate
- IEEE 802.3AF & 802.3AT Compliant
- Supports Windows 11 and Windows 10 Drivers

## Specification

### General

- Bus Type: PCI Express Mini Card Revision 1.2
- Certification: CE, FCC
- Connector: 2 x RJ45, 4-pin Pitch2.5mm Header
- Dimension: mPCIe Module 51 x 30 x 5 mm  
IO Board (Including IO Plate) 56 x 72 x 23 mm

### Communication

- LAN Controller: Intel® I210-IT LAN Controller
- Speed: 10/100/1000 Mbps

### Power Spec

- Support Single Port up to 25.5W  
Maximum Power Budget 30W  
\*Need to supply DC 12V to 4-pin header
- Power Boost 50V~57V

### Protection

- ESD Protection: 4 KV (Contact), 8 KV (Air)

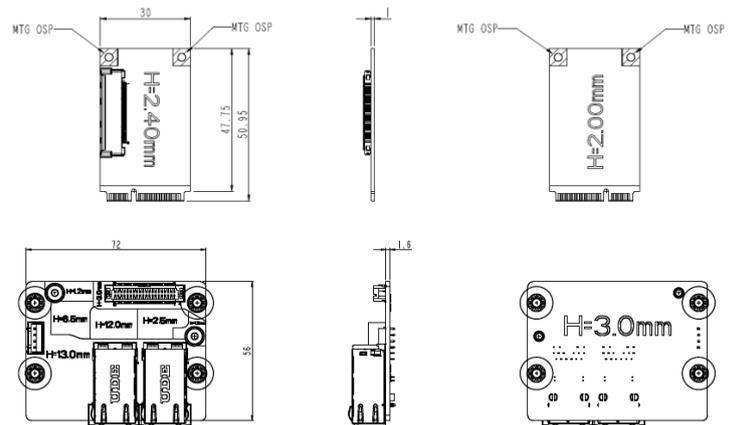
### Software

- OS Support: Microsoft® Windows® 11, Windows® 10,  
Linux (by version and request)

### Environmental

- Operating Temperature: -40 ~ 70°C
- Storage Temperature: -40 ~ 85°C
- Operating Humidity: 10% ~ 90% R/H (Non-condensing)

## Dimension



## Ordering Information

- Module Kit P/N: 5411N7950003, including
  - ME-02POR-R10 Xpansion Modules
  - Heatspreader with thermal pad (Only for MX1/MX2 use)
  - Internal connection cable
  - Xpansion I/O door metal plate