

# M2-02LAN-R10

## 2-Port Gigabit Ethernet Xpansion Module Dual Intel® I210-IT, M.2 B-M, RJ45



### Features

- I/O Bracket Compliant to MP1/MP2
- M.2 B-M Key I/F
- Dual Intel i210-IT Controller, Integrated GbE MAC/PHY
- Support 10/100/1000 Mbps Data Rate
- Supports Windows 11 and Windows 10 Drivers

### Specification

#### General

- Bus Type: M.2 B-M Key
- Certification: CE, FCC
- Connector: 2 x RJ45
- Form Factor: M.2 2280 Module + Proprietary I/O Board

#### Communication

- LAN Controller: Intel® I210-IT LAN Controller
- Speed: 10/100/1000 Mbps
- Integrated GbE MAC/PHY

#### Power Requirement

- Power Consumption: Typical +3.3V@ 5W

#### 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)

### Ordering Information

- **MP1 Module Kit P/N 5411N8060002 including**
  - M2-02LAN-R10 M.2 B-M Key Module
  - M2-02LAN-R10 I/O board
  - M2-02LAN-R10 cable
  - Screw kit
  - MP1-11TGS/MP1-11TGS-D Front I/O Mylar Label with 2 x RJ45 open holes
- **MP2 Module Kit P/N 5411D8950003 including**
  - M2-02LAN-R10 M.2 B-M Key Module
  - M2-02LAN-R10 I/O board
  - M2-02LAN-R10 cable
  - Screw kit
  - MP2-10MTS Front I/O Mylar Label with 2 x RJ45 open holes