PCM-34R2GL

2-Port Gigabit Ethernet, Intel® I350, 2x RJ45, B+M Key (2242, PCIex1)

NEW

Features

- Meets Advantech iDoor technology standard
- Dual Gigabit Ethernet Port (RJ45)
- M.2 2242 B+M Key compliant (PCI Express)
- PCIe Gen2 x1 bandwidth specification
- Compatible with embedded automation PC UNO-1/2/3/4 series
- Compliant with FCC/CE Class A Certification
- Supports 32/64-bit Windows 7/8/10 and Linux
- Operation temperature 0~60 degree support

iD**oo**r RoHS COMPLIANT 2002/95/EC C€ FCC

Introduction

The PCM-34R series can enhance network performance, security, reliability, and provide more flexible network configuration options for specific application scenarios.
This is a flexible design that enables customers to customize their features with iDoor Technology.

Specifications

General

- **Bus Type**   M.2 2242 B+M Key compliant
- **Interface**   PCIe Express
- **Connectors**   2 x RJ45
- **Certification**   CE, FCC class A
- **Dimensions**   Module: 42 x 30 x 12.4 mm (1.65" x 1.18" x 0.49")
  I/O Plate: 81 x 19.35 x 39 mm (3.19" x 0.76" x 1.54")
- **Power Consumption**   Typical: +3.3 V @ 3 W

Communications

- **LAN Controller**   Intel® I350-AM2 LAN Controller
- **Speed**   10/100/1000 Mbps
- **Support**   IEEE 1588

Protection

- **Isolation Protection**   1,500 V_{DC}
- **ESD Protection**   4KV (Contact), 8KV (Air)
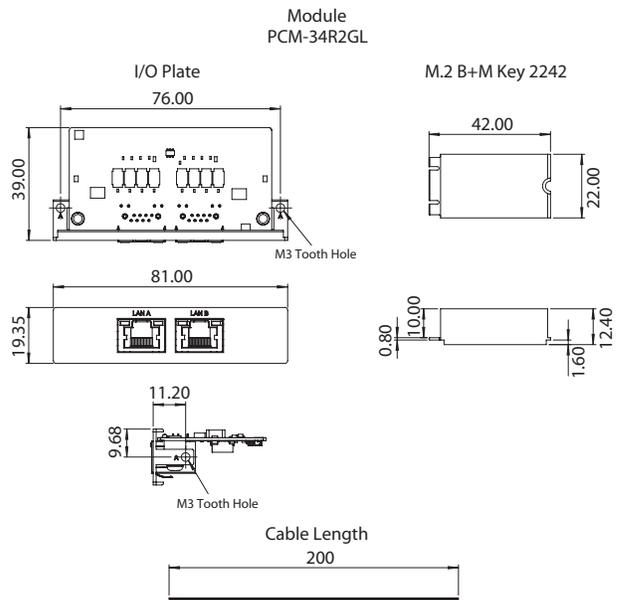- **EFT Protection**   1,000 V
- **Surge Protection**   1,000 V_{DC}

Software

- **OS Support**   Microsoft® Windows® 7/8/10, Linux

Environment

- **Operating Humidity**   10 ~ 95% RH @ 40 °C/104 °F, non-condensing
- **Operating Temperature**   0 ~ 55°C (32 ~ 131°F)
- **Storage Temperature**   -20 ~ 80°C (-4 ~ 176°F)

Dimensions

Module
PCM-34R2GL

I/O Plate   M.2 B+M Key 2242

76.00

39.00

M3 Tooth Hole

81.00

19.35

LAN A   LAN B

42.00

22.00

10.00

0.80

1.60

12.40

11.20

9.68

M3 Tooth Hole

Cable Length
200

Ordering Information

- **PCM-34R2GL-AE**   2-Port Gigabit Ethernet, Intel® I350, 2x RJ45, B+M Key (2242, PCIex1)

Optional Accessories

- **1960070469T011**   Heat Sink R1 w/ glue for LAN Controller (20 x 20 x 10 mm)