

PCM-34U2U3

2-Port USB 3.0, M.2 B+M key
(3042, PCIe1)

NEW



Features

- Meets Advantech iDoor Technology Standard
- M.2 3042 B+M Key compliant (PCI Express®)
- Expands two external USB3.0 Super-Speed ports
- Complies with xHCI specification
- Supports hot-swapping function
- Supplies maximum +5 V/900 mA power output to USB device
- Supports Microsoft® Windows® 10/11

Introduction

The PCM-34U series are USB modules based on Advantech iDoor technology, featuring two high-speed USB ports for peripheral connectivity. They support reliable and high-speed data transmission between systems and external devices for automation control and industrial applications. This is a flexible design that enables customers to customize their features with iDoor Technology.

Specifications

General

- Bus Type** M.2 3042 B+M Key compliant
- Certification** CE, FCC class A
- Connector** 2 x USB standard-A type
- Dimensions** Module: 42 x 30 mm (1.65" x 1.18")*
I/O Plate: 81 x 19.4 mm (3.19" x 0.76")*

*Please refer to the dimensions drawing to ensure system compatibility.

Power Requirements

- Input Voltage** 5 V_{DC}
- Power Consumption** Maximum: +5V @ 900 mA per port

Communication

- Protocol** Universal Serial Bus 3.0 specification Rev. 1.0
- Speed** 5 Gbps Max. (Shared)

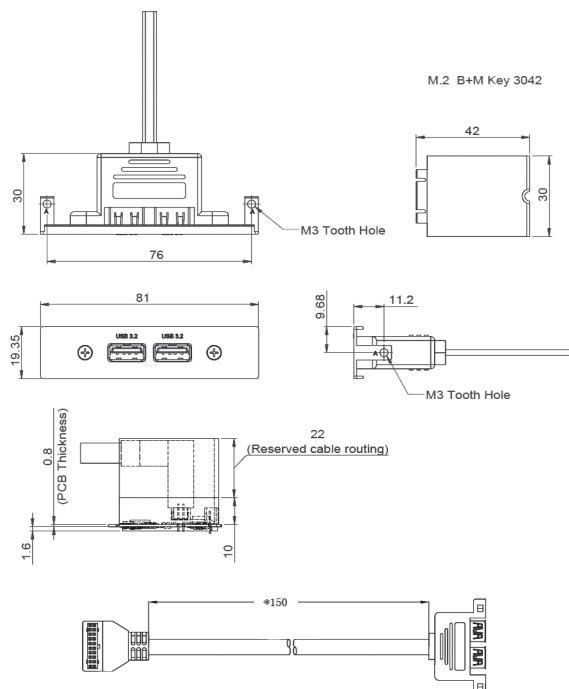
Software

- OS Support** Microsoft® Windows® 10/11, Linux

Environment

- Humidity (Operating)** 10~95% RH @40°C, non-condensing
- Operating Temperature** - 20 ~ 60°C (- 4 ~ 140°F)
- Storage Temperature** - 40 ~ 85°C (- 40 ~ 185°F)

Dimensions



Ordering Information

- PCM-34U2U3-AE** 2-Port USB 3.0, M.2 B+M key (3042, PCIe1)
- 1700035956-01** M Cable 2x10P-2.0/USB-A 9P(F)x2 25cm*

* For systems that require 180° cable routing from the module instead of the default 90°.