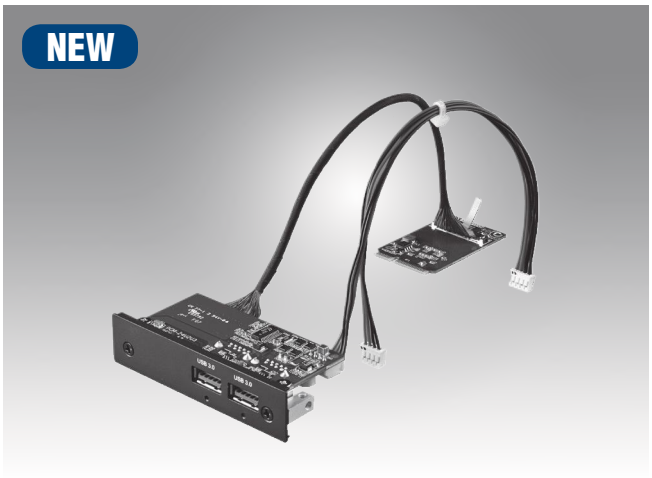
PCM-24U2U3-BE

2-Port USB 3.0, mPCIe, USB-A type



Features

- Meets Advantech iDoor Technology Standard
- PCI Express® Mini Card Specification Revision TM 2.0 compliant
- Expands two external USB3.0 Super-Speed ports
- Complies with xHCI specification
- Supports hot-swapping function
- Supports lockable function for USB cable
- Supplies maximum +5 V/900 mA power output to USB device
- Supports 32/64-bit Microsoft® Windows® XP/Vista/7/8/10

*Additional power cable is required

Introduction

The PCM-24 series are communication modules from Advantech iDoor Technology. They are all compatible with the PCI Express® Mini Card Specification Revision 1.2, including isolated / non-isolated RS-232/422/485 communication cards for automation control, Wi-Fi/3G/GPS/GSM/LTE wireless communication models for data exchange for management and machine level automation applications, ZigBee module as an IoT terminal or controller and PoE function for smart camera in detection-inspection-production applications. This is a flexible design that enables customers to customize their features with iDoor Technology.

Specifications

General

- **Bus Type** PCI Express Mini Card Revision TM 2.0
- **Certification** CE, FCC class A
- **Connector** 2 x USB standard-A type
- **Dimensions** Module: 51 x 30 x 12.4 mm (2" x 1.18" x 0.49")
  I/O Plate: 81 x 19.4 x 41 mm (3.19" x 0.76" x 1.61")

Power Requirements

- **Input Voltage** 5~24 VDC
- **Connection** 20 cm wired cable with 4-pin pitch 2.0 connector
- **Power Consumption** Maximum: +5V @ 900 mA per port

Communication

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

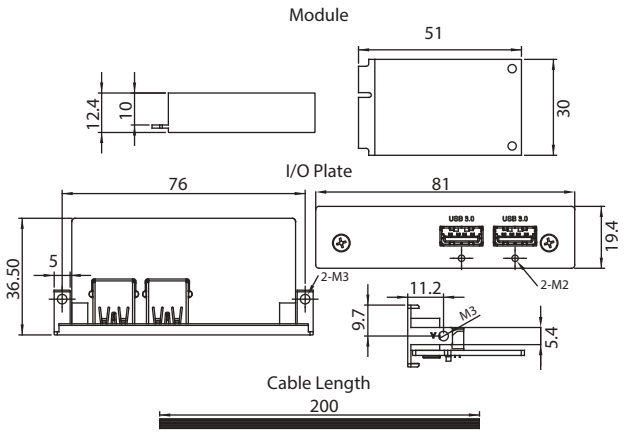
Software

- **OS Support** Microsoft® Windows® XP/Vista/7/8/10

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-24U2U3-BE** USB 3.0, mPCIe, USB-A type x 2
- **1700028805-01** Power cable 1*4P-2.0/1*4P-2.0*2 20cm
- **1700029307-01** Signal cable 1*40P-0.5/1*40P-0.5 20cm
- **1700023725-01** Power cable 4P/5P 20cm for TPC-xx51 series

All product specifications are subject to change without notice.
Last updated: 10-Jul-2019