PCM-24U2U3 2-Port USB 3.0, mPCIe, USB-A type

NEW

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
- Supplies maximum +5 V/900 mA power output to USB device
- Supports 32/64-bit Microsoft® Windows® XP/Vista/7/8

*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

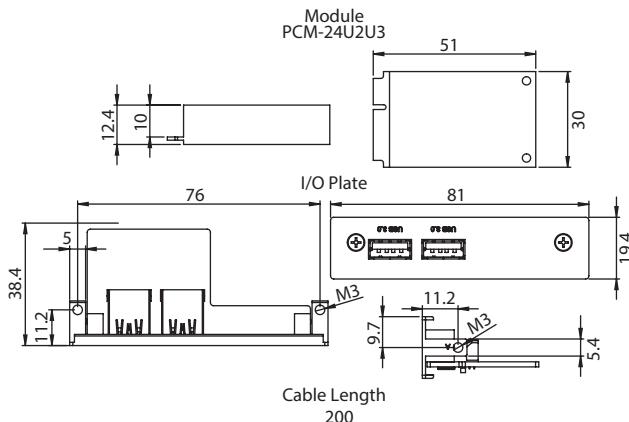- **Protocol**   Universal Serial Bus 3.0 specification Rev. 1.0
- **Speed**   5 Gbps (Max.)

Software

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

Environment

- **Humidity (Operating)**   5-95% RH, non-condensing
- **Operating Temperature**   - 20 ~ 60°C (- 4 ~ 140°F)
- **Storage Temperature**   - 40 ~ 85°C (- 40 ~ 185°F)

Dimensions

Module PCM-24U2U3

51 / 30 / 12.4 / 10

I/O Plate

76 / 81 / 5 / 38.4 / 11.2 / 19.4 / M3 / 11.2 / 9.7 / M3 / 5.4

Cable Length 200

Ordering Information

- **PCM-24U2U3-AE**   USB 3.0, mPCIe, USB-A type x 2
- **1700023725-01**   Power cable 4P/5P 20cm for TPC-xx51 series

ADVANTECH   iDoor Technology Modules

All product specifications are subject to change without notice.   Last updated: 6-Dec-2017