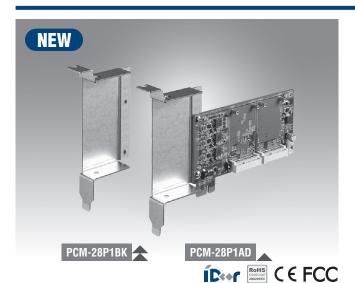
PCM-28P1AD PCM-28P1BK

PCIe to mPCIe, 2-Slots mPCIe, iDoor I/O plate expansion iDoor PCIe I/O Plate



Features

- Meets Advantech iDoor technology standard
- PCI Express base SPEC 2.0 and backward compatible with SEPC 1.1 & 1.0a compliant
- PCI Express[®] Mini Card specification revision 1.2 compliant
- Expands two external full-size mPCle slots from an existing PCle slot
- Expands one external iDoor I/O module plate from existing PCle plate
- Supports Microsoft® Windows® XP/7/8
- Supports control DIN-Rail PC UNO-1400 series
- Supports control cabinet PC UNO-3200/3300/3400 series

*Please visit Advantech's websites for the latest iDoor modules support information

Introduction

The PCM-28 series are expansion kits providing multi-application solutions using 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; the ZigBee module serves as an IoT terminal or controller, and PoE function for smart cameras 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® Rev. 2.0 compliant

■ Interface PCI Express® Mini Card Specification Revision 1.2

compliant

Certification
CE, FCC class A

I/O Connectors
Dimensions
Power Consumption
1 x PCI Express Male, 2 x mPCIe Female
173 x 120.8 x 21.6mm (6.8" x 4.8" x 0.9")
Input: +12 V/2.1 A, +3.3 VSB/375 mA
Output: +3.3 V/1.1 A, +1.5 V/375 mA

Software

OS Support
Windows® XP/7/8

Environment

Humidity (Operating)
Operating Temperature
Storage Temperature
40 ~ 85°C (-4 ~ 140°F)
-40 ~ 85°C (-40 ~ 185°F)

Supports iDoor Module

■ PCM-26D2CA-AE 2-Port Isolated CANBus mPCle, CANOpen, DB9

• **PCM-27D24DI-AE** 24-Channel Isolated Digital I/O w/ counter mPCle,

DB37

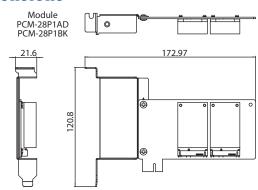
■ PCM-2300MR-AE MR4A16B, MRAM, 2 MByte, mPCle

PCM-24S2WF-AE Wi-Fi 802.11 a/b/g/n 2T2R w/ Bluetooth4.0, Half-size

mPCle, 2-port SMA

■ PCM-24U2U3-AE 2-Port USB 3.0, mPCle, USB-A type

Dimensions



Ordering Information

■ PCM-28P1AD-AE PCle to mPCle, mPCle Slot x2, iDoor PCle I/O plate x1

■ PCM-28P1BK-AE iDoor PCle I/O Plate

User scenario

2-Slots mPCle expansion

iDoor with PCIe I/O Plate

