

PCM-26D2CA

2-Port Isolated CANBus mPCIe, CANopen, DB9

NEW



iDoor CANopen RoHS COMPLIANT 2002/95/EC CE FCC

Features

- Meets Advantech iDoor technology standard
- PCI Express® Mini card specification revision 1.2 compliant
- Supports Advantech CANopen protocol library
- Operates two separated CAN networks simultaneously
- High speed transmission up to 1 Mbps
- I/O address automatically assigned by PCIe plug & play
- Supports 32/64-bit Windows 2000/XP/Vista/7, Linux 2.4/2.6
- Optical isolation protection of 2,500 V_{DC} ensures system reliability
- Includes Windows® DLL library and examples
- Supports embedded automation PC UNO-2200/2300/2400 series
- Supports control DIN-rail PC UNO-1200/1300/1400 series
- Supports control cabinet PC UNO-3200/3300/3400 series
- Supports control panel computers TPC-xx81/xx82 series
- Supports thin client panel computers TPC-xx51 series

Introduction

The PCM-26 series are Industrial Communication with Fieldbus Protocol modules from Advantech iDoor Technology. They are all compatible with the PCI Express® Mini Card Specification Revision 1.2, including 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 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 Mini Card Revision 1.2
- Certification** CE, FCC class A
- Connectors** 2 x Male DB9
- 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 Consumption** Typical : +5V @ 400 mA

Communications

- CAN Controller** NXP SJA-1000
- CAN Transceiver** NXP 82C251
- Protocol** CAN 2.0 A/B
- Signal Support** CAN_H, CAN_L
- Speed** 1Mbps
- CAN Frequency** 16MHz
- Termination Resistor** 120 Ohm (selected by jumper)

Protection

- Isolation Protection** 2,500 V
- ESD Protection** 15 KV
- EFT Protection** 2,500 V
- Surge Protection** 1,000 V_{DC}

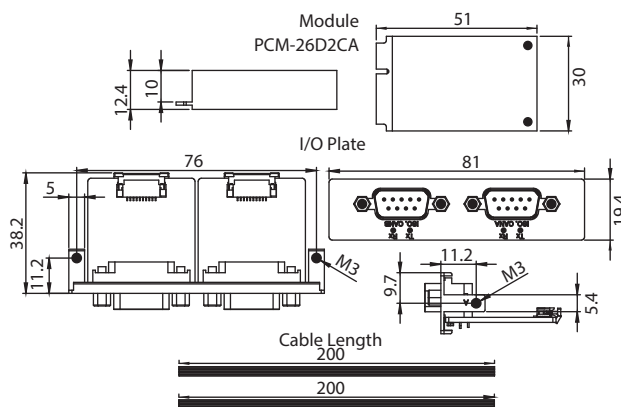
Software

- CAN Bus Driver** Windows 2000/XP/Vista/7, Windows CE 5/6, Linux Ubuntu 12.10, QNX 6.5
- CANopen Software** Windows 2000/XP/Vista/7, Windows CE 5/6

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



Ordering Information

- PCM-26D2CA-AE** SJA1000 CANBus, CANopen, DB9 x 2