

# IPCI-1680-CBM

2-port isolated protection CAN communication bus  
PCI card support CANopen



**CANopen**  
Bundle CANopen AP

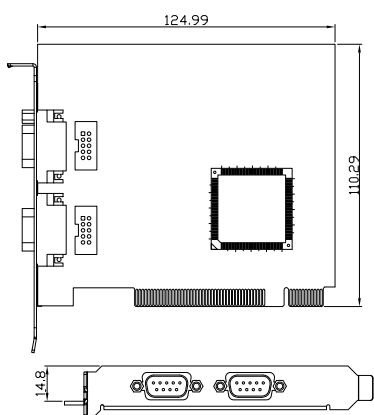
## Features

1. PCI Revision 2.2 compliant
2. Two independent CAN bus communication ports.
3. Compatible with CAN Specifications 2.0
4. On-board optical isolation protection 2500Vrms on CAN side.
5. Programmable transfer rate up to 1 Mbps.
6. Jumper settings for dual ports select 120 Ω terminator resistor.
7. Support CANopen protocol follow CiA DS-301 and support CiA DS-401

## Specifications

Bus Interface	PCI Revision 2.2 compliant
Number of Ports	2-port
CAN controller	Philips SJA1000T
CAN transceiver	Philips PCA82C251
Signal Support	CAN_H, CAN_L
Speed ( bps )	1 Mbps
Connectors	DB-9 male on bracket or dual 2 x 5 pin internal 2.54 pitch box header
Isolated Protection	2500Vrms on CAN side
Power consumption	5 V @ 400 mA
Temperature:	Operating: -5°C~ 65°C ( 23°F~ 149°F)
Humidity	Operating: 5% ~95% Non-condensing
Drive Support	Windows® XP / Windows® XP Embedded / Windows® CE 5.0
CANopen communication	Support NMT/EMCY/SYNC/SDO/PDO/Error Control protocols Follow CiA DS-301 and support CiA DS-401 Support 10K,20K,50K,125K,250K,500,800K,1M bps Transfer Rate

## Dimensions ( Unit : mm )



## Packing List

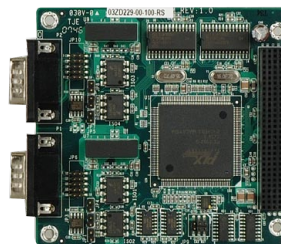
- 1 x IPCI-1680-CBM CAN Bus PCI Card
- 1 x Mini Jumper Pack
- 1 x Utility CD ( Bundle CANopen software)
- 1 x QIG

## Ordering Information

Part No.	Description
IPCI-1680-CBM-R10	2-port isolated protection CAN communication bus PCI card support CANopen

# PM-1680-CBM

2-port isolated protection CAN communication bus  
PCI-104 module support CANopen



**CANopen**  
Bundle CANopen AP

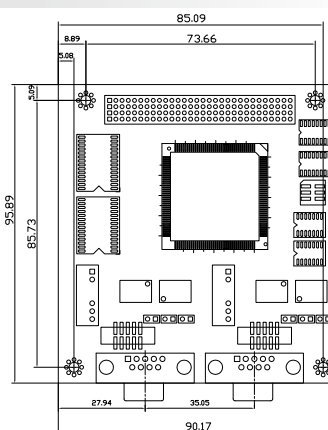
## Features

1. Interface PCI-104 Module
2. Two independent CAN bus communication ports.
3. Compatible with CAN Specifications 2.0
4. On-board optical isolation protection 2500Vrms on CAN side.
5. Programmable transfer rate up to 1 Mbps.
6. Jumper settings for dual ports select 120 Ω terminator resistor.

## Specifications

Bus Interface	PCI-104
Number of Ports	2-port
CAN controller	Philips SJA1000T
CAN transceiver	Philips PCA82C251
Signal Support	CAN_H, CAN_L
Speed ( bps )	1 Mbps
Connectors	Port #1 output is connected to two 9pin d-sub connectors, one is male and the other is female. Port #2 output is connected to one 2x5 header.
Isolated Protection	2500Vrms on CAN side
Power consumption	5 V @ 400 mA
Temperature	Operating: -5°C~ 65°C ( 23°F~ 149°F)
Humidity	Operating: 5% ~95% Non-condensing
Drive Support	Windows® XP / Windows® XP Embedded / Windows® CE 5.0
CANopen communication	Support NMT/EMCY/SYNC/SDO/PDO/Error Control protocols Follow CiA DS-301 and support CiA DS-401 Support 10K,20K,50K,125K,250K,500,800K,1M bps Transfer Rate

## Dimensions ( Unit : mm )



## Packing List

- 1 x PM-1680-CBM CAN Bus PCI-104 Module
- 1 x Mini Jumper Pack
- 1 x Utility CD ( Bundle CANopen software)
- 1 x QIG

## Ordering Information

Part No.	Description
PM-1680-CBM-R10	2-port isolated protection CAN communication bus PCI-104 module support CANopen

1  
Industrial  
Computing  
Solutions

2  
Embedded  
Computing  
Solutions

3  
RISC-Based  
Embedded  
Solutions

4  
Industrial  
Data  
Collector/  
Server  
Solutions

5  
Industrial  
Data  
Collection

6  
I/O  
Communication  
Solutions

7  
Panel  
Solutions

8  
Power Supply/  
Network  
Communication/  
Peripherals