

IPCI-1680-CBM

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



CANopen
Bundle CANopen AP

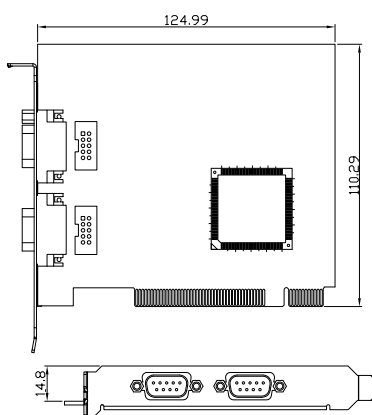
Features

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

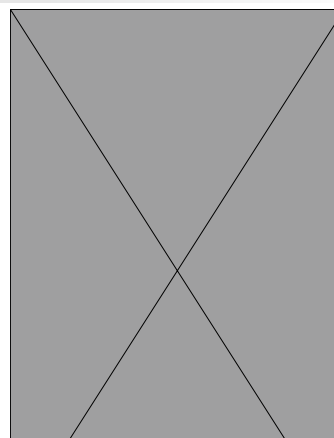
Features

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
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