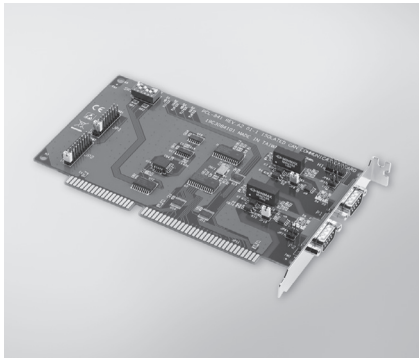


# PCL-841 PCI-1680U PCM-3680/I

## 2-port CAN-bus ISA Card with Isolation Protection

## 2-port CAN-bus Universal PCI Card with Isolation Protection

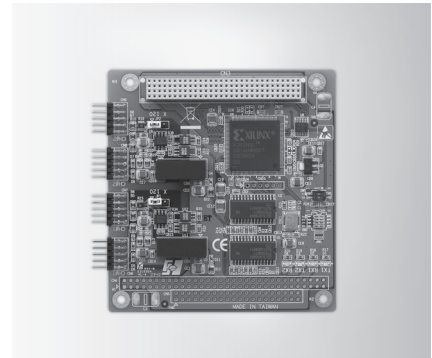
## 2-port CAN-bus PC/104 / PCI-104 Module with Isolation Protection



PCL-841



PCI-1680U



PCM-3680I



### Features

- Operates two separate CAN networks simultaneously
- High speed transmission up to 500 kbps
- Optical isolation protection of 1000 V<sub>DC</sub>
- Windows DLL library and examples included
- Wide IRQ selection for each port: IRQ 3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- Supports 32-bit/64-bit Windows 2000/XP/Vista/7 and Linux

### Specifications

#### General

- Card Interface** ISA
- Certification** CE, FCC
- Connectors** 2 x DB9-M
- Dimensions** 185 x 100 mm (7.3" x 3.9")
- Ports** 2
- Power Consumption** 5 V @ 400 mA typical

#### Communications

- CAN Controller** SJA-1000
- CAN Transceiver** 82C250
- Protocol** CAN2.0 A/B
- Speed** 500 kbps
- IRQ** 3, 4, 5, 6, 7, 9, 10, 11, 12, or 15
- Memory Segment Base Address** From C800H to EF00H
- Signal Support** CAN\_H, CAN\_L

#### Protection

- Isolation Protection** 1,000 V<sub>DC</sub>

#### Environment

- Operating Temp.** 0 ~ 50°C (32 ~ 122°F)

### Ordering Information

- PCL-841** 2-port CAN-bus ISA Comm. Card w/ Iso

### Features

- Operates two separate CAN networks simultaneously
- High speed transmission up to 1 Mbps
- Optical isolation protection of 2500 V<sub>DC</sub>
- Windows DLL library and examples included
- I/O address automatically assigned by PC software
- Supports 32-bit/64-bit Windows 2000/XP/Vista/7 and Linux

### Specifications

#### General

- Card Interface** Universal PCI
- Certification** CE, FCC
- Connectors** 2 x DB9-M
- Dimensions** 175 x 107 mm (6.9" x 4.2")
- Ports** 2
- Power Consumption** 5 V @ 400 mA typical

#### Communications

- CAN Controller** SJA-1000
- CAN Transceiver** TJA1051T
- Protocol** CAN2.0 A/B
- Speed** 1 Mbps
- CAN Frequency** 16 MHz
- Signal Support** CAN\_H, CAN\_L

#### Protection

- Isolation Protection** 2,500 V<sub>DC</sub>

#### Environment

- Operating Temp.** 0 ~ 70°C (32 ~ 158°F)

### Ordering Information

- PCI-1680U** 2-port CAN Uni-PCI COMM Card w/Iso

#### Accessories

- OPT1-DB9E-AE** DB9 to 10-pin wiring board

### Features

- Operates two separate CAN networks simultaneously
- High speed transmission up to 1 Mbps
- 16 MHz CAN controller frequency
- Optical isolation protection
- Transmit/receive status LED indicators on each port
- Supports wide operating temperature
- Supports 32/64-bit WinXP/Vista/7 and Linux
- Supports WinCE 5.0/6.0

### Specifications

#### General

- Card Interface** PCM-3680: PC/104  
PCM-3680I: PCI-104
- Certification** CE, FCC
- Connectors** 2 x DB9-M with cable
- Dimensions** 90 x 96 mm (3.6" x 3.8")
- Ports** 2
- Power Consumption** 5 V @ 400 mA

#### Communications

- CAN Controller** SJA-1000
- CAN Transceiver** 82C250
- Protocol** CAN2.0 A/B
- Speed** Up to 1 Mbps programmable transfer rate

- CAN Frequency** 16 MHz
- Signal Support** CAN\_H, CAN\_L

#### Protection

- Isolation Protection** 2,500 V<sub>DC</sub>

#### Environment

- Operating Temperature** -25 ~ 85 °C
- Storage Temperature** -40 ~ 85 °C

### Ordering Information

- PCM-3680** Dual-port Iso CAN-bus PC/104 Module
- PCM-3680I** Dual-port Iso CAN-bus PCI-104 Module