

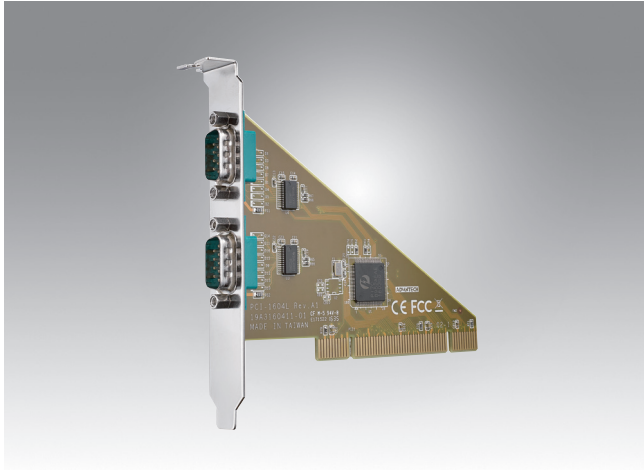
# PCI-1604L

# PCI-1602UP

## 2-Port RS-232 PCI Communication Card

## 2-Port RS-232/422/485 Low-Profile

## Universal PCI Communication Card with Isolation Protection



PCI-1604L



### Features

- PCI bus 2.2 compliant
- Up to 921.6 kbps speed for extremely fast data transmissions
- Level 4 ESD protection (air 15 KV, contact 8 KV)
- 2 x RS-232 ports
- 128-byte FIFO
- Supports Windows XP/7/8 and Linux operating systems
- -20 ~ 60 °C operating temperature

### Specifications

#### General

- **Bus Type** Universal PCI v2.2
- **Certification** CE, FCC class A
- **Connectors** 2 x DB9, male
- **Dimensions (L x H)** 119.91 x 83.06 mm (4.72" x 3.27")
- **Power Consumption** 200mA @ +3.3V (typ.)

#### Communications

- **Comm. Controller** PI7C8952
- **Data Bits** 5, 6, 7, 8
- **Data Signals** RS232: TxD, RxD, RTD, RTS, DTR, DSR, DCD, RI
- **FIFO** 128 bytes
- **Flow Control** DTR/DSR, RTD/CTS, Xon/Xoff
- **Parity** None, Odd, Even, Mark, or Space
- **Speed** 50 bps ~ 921.6 kbps
- **Stop Bits** 1, 1.5, 2

#### Protection

- **ESD Protection** 15 KV (air), 8 KV (contact)
- **EFT Protection** 1 KV

#### Software

- **Bundled Software** ICOM tools
- **OS Support** Windows XP/7/8, and Linux

#### Environment

- **Operating Humidity** 5 ~ 95% RH, non-condensing
- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -25 ~ 85 °C (-13 ~ 185 °F)

### Ordering Information

- **PCI-1604L-AE** 2-port RS-232 PCI comm. card

#### Accessories

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



PCI-1602UP

### Features

- PCI bus 2.2 compliant
- Up to 921.6 kbps speed for extremely fast data transmissions
- 2 x RS-232/422/485 ports
- Supports Windows XP/7/8 and Linux operating systems
- 3,000 V<sub>DC</sub> isolation protection
- Automatic RS-485 data flow control
- Powerful and easy-to-use utility (ICOM tools)
- Supports any baud rate setting

### Specifications

#### General

- **Bus Type** Universal PCI V 2.2
- **Certification** CE, FCC class A
- **Connectors** 1 x DB25, female
- **Dimensions (L x H)** 119.91 x 64.41 mm (4.72" x 2.5") (low-profile MD1)
- **Power Consumption** 260mA @ +3.3V (typ.)

#### Communications

- **Communication Controller** PI7C8952
- **Data Bits** 5, 6, 7, 8
- **Data Signals** RS-232: TxD, RxD, RTD, RTS, DTR, DSR, DCD, RI  
RS-422: Tx+, Tx-, Rx+, Rx-, RTS+, RTS-, CTS+, CTS-  
RS-485: Data+, Data-  
128 bytes
- **FIFO** 128 bytes
- **Flow Control** CTS/RTS, Xon/Xoff
- **Parity** None, Even, Odd, Mark and Space
- **Speed** 50 bps ~ 921.6 kbps
- **Stop Bits** 1, 1.5, 2

#### Protection

- **EFT Protection** 1 KV
- **Isolation Protection** 3,000 V<sub>DC</sub>
- **ESD Protection** 15KV (air), 8KV (contact)
- **Surge Protection** 1 KV

#### Software

- **Bundled Software** ICOM tools
- **OS Support** Windows XP/7/8 and Linux (check the software release note for versions supported)

#### Environment

- **Operating Humidity** 5 ~ 95% RH, non-condensing
- **Operating Temperature** -10 ~ 60 °C (14 ~ 140 °F)
- **Storage Temperature** -25 ~ 85 °C (-13 ~ 185 °F)

### Ordering Information

- **PCI-1602UP-CE** 2-port RS-232/422/485 low-profile universal PCI comm card w/ isolation protection
- **OPT1-DB9E-AE** DB9 to 10-pin wiring board

Note: Both PCI-1602UP are equipped with a DB25 to 2 x DB9 cable.