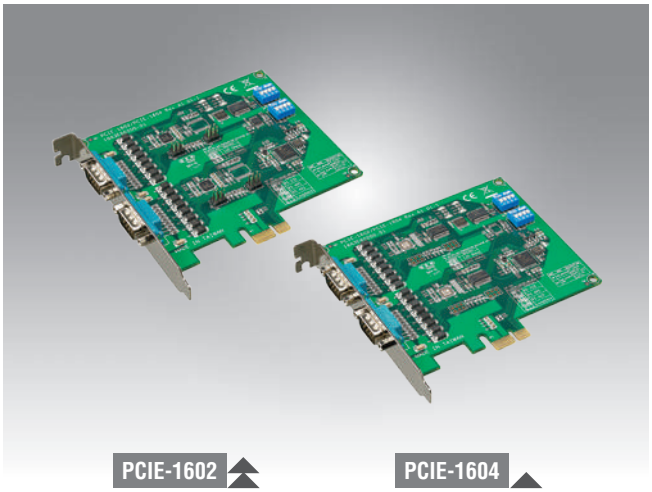
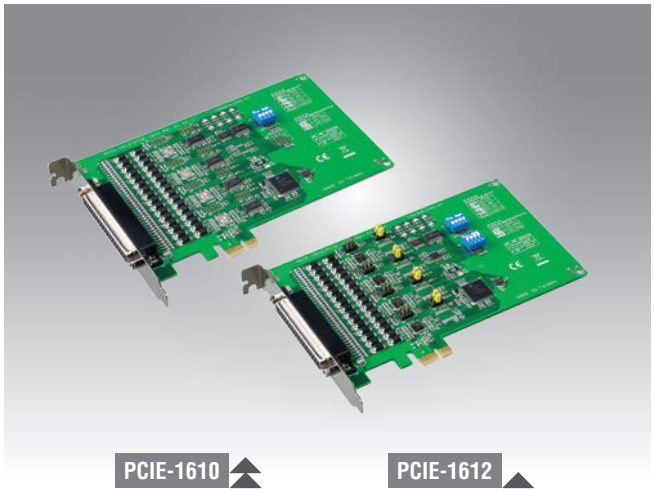
PCIE-1602
PCIE-1604
PCIE-1610
PCIE-1612

2-Port RS-232/422/485 PCI Express Communication Card
2-Port RS-232 PCI Express Communication Card
4-Port RS-232 PCI Express Communication Card
4-Port RS-232/422/485 PCI Express Communication Card



PCIE-1602 PCIE-1604



PCIE-1610 PCIE-1612

Features

- PCI Express bus 2.0 compliant
- Up to 921.6 kbps speed for extremely fast data transmissions
- Supports any baud rate setting
- 2 x RS-232 or RS- 232/422/485 ports
- Supports Windows XP/7/8/10, and Linux operating systems
- XR17V352 UART with 256-byte FIFOs

Specifications

General

- **Bus Type** PCI Express bus 2.0 compliant
- **Bus Interface** PCI Express x1
- **Certification** CE, FCC class A
- **Connectors** 2 x DB9, male
- **Dimensions (L x H)** 119.63 x 111 mm (4.71" x 4.4")
- **Power Consumption** 260 mA @ +3.3 V (typ.)

Communications

- **Comm. Controller** XR17V352
- **Data Bits** 5, 6, 7, 8
- **FIFO** 256 bytes
- **Parity** None, Odd, Even, Mark and Space
- **Speed** 50 bps ~ 921.6 kbps
- **Stop Bits** 1, 1.5, 2

Software

- **Bundled Software** ICOM tools
- **OS Support** Windows XP/7/8/10 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)

Protection

Part Number	ESD Protection	EFT Protection	Surge Protection	Isolation Protection
PCIE-1602B	15KV (air), 8KV (contact)	1000 V	1000 VDC	
PCIE-1602C	15KV (air), 8KV (contact)	1000 V	1000 VDC	3000 VDC
PCIE-1604B	15KV (air), 8KV (contact)	1000 V	1000 VDC	
PCIE-1604C	15KV (air), 8KV (contact)	1000 V	1000 VDC	3000 VDC

Ordering Information

- **PCIE-1602B-AE** 2-port RS-232/422/485 PCI Express comm. card w/surge
- **PCIE-1602C-AE** 2-port RS-232/422/485 PCI Express comm. card w/surge and isolation
- **PCIE-1604B-AE** 2-port RS-232 PCI Express comm. card w/surge
- **PCIE-1604C-AE** 2-port RS-232 PCI Express comm. card w/surge and isolation

Accessories

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

Features

- PCI Express bus 2.0 compliant
- Up to 921.6 kbps speed for extremely fast data transmissions
- Supports any baud rate setting
- 4 x RS-232 or RS- 232/422/485 ports
- Supports Windows XP/7/8/10, and Linux operating systems
- XR17V354 UART with 256-byte FIFOs

Specifications

General

- **Bus Type** PCI Express bus 2.0 compliant
- **Bus Interface** PCI Express x1
- **Certification** CE, FCC class A
- **Connectors** 1 x DB37, female
- **Dimensions (L x H)** 168 x 111 mm (6.6" x 4.4")
- **Power Consumption** 260 mA @ +3.3 V (typ.)

Communications

- **Comm. Controller** XR17V354
- **Data Bits** 5, 6, 7, 8
- **FIFO** 256 bytes
- **Parity** None, Odd, Even, Mark and Space
- **Speed** 50 bps ~ 921.6 kbps
- **Stop Bits** 1, 1.5, 2

Software

- **Bundled Software** ICOM tools
- **OS Support** Windows XP/7/8/10 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)

Protection

Part Number	ESD Protection	EFT Protection	Surge Protection	Isolation Protection
PCIE-1610B	15KV (air), 8KV (contact)	1000 V	1000 VDC	
PCIE-1612B	15KV (air), 8KV (contact)	1000 V	1000 VDC	
PCIE-1612C	15KV (air), 8KV (contact)	1000 V	1000 VDC	3000 VDC

Ordering Information

- **PCIE-1610B-AE** 4-port RS-232 PCI Express comm. card w/surge
- **PCIE-1612B-AE** 4-port RS-232/422/485 PCI Express comm. card w/surge
- **PCIE-1612C-AE** 4-port RS-232/422/485 PCI Express comm. card w/surge and isolation

Note: This series includes an OPT4A cable.

Accessories

- **OPT4A-AE** 1 x DB37 to 4 x DB9 cable, 30 cm
- **1700018791(BY REQUEST)** 1 x DB37 to 4 x DB25 cable, 30 cm
- **OPT1-DB9E-AE** DB9 to 10-pin wiring board

All product specifications are subject to change without notice.
Last updated: 1-Dec-2023