



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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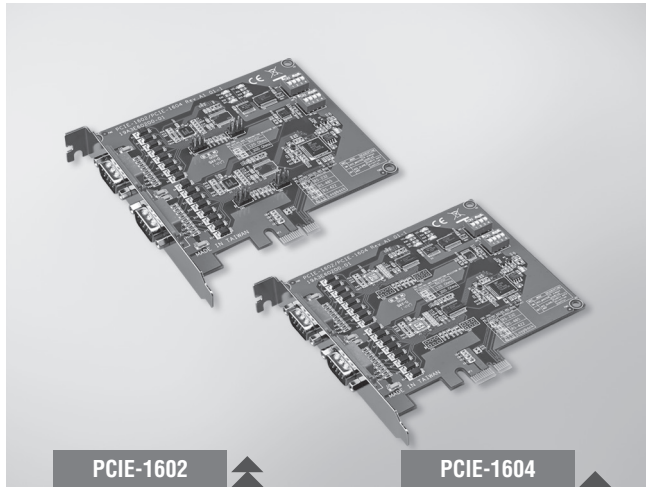
PCIE-1602 PCIE-1604 PCIE-1610 PCIE-1612

2-port RS-232/422/485 PCI Express Communication Card

2-port RS-232 PCI Express Communication Card

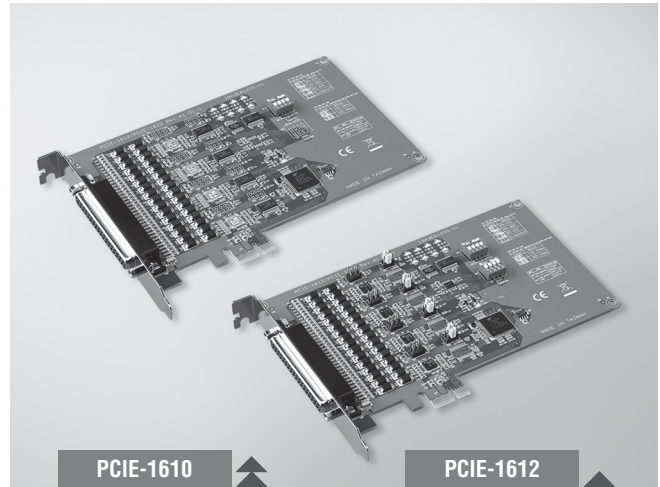
4-port RS-232 PCI Express Communication Card

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
- Speeds up to 921.6 kbps for extremely fast data transmission
- Supports any baud rate setting
- 2 x RS-232 or RS-232/422/485 ports
- Operating systems supported: Windows 7/8/10, and Linux.
- 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** 2x male DB9
- **Dimensions (L x W)** 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 7/8/10, and Linux. (You can reference SW release note to know the version of supported OS.)

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

Model Name	ESD Protection	EFT Protection	Surge Protection	Isolation Protection
PCIE-1602B	15KV (air), 8KV (contact)	1000 V	1000 V	
PCIE-1602C	15KV (air), 8KV (contact)	1000 V	1000 V	3000 V _{oc}
PCIE-1604B	15KV (air), 8KV (contact)	1000 V	1000 V	
PCIE-1604C	15KV (air), 8KV (contact)	1000 V	1000 V	3000 V _{oc}

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 & 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 & Isolation

Features

- PCI Express bus 2.0 compliant
- Speeds up to 921.6 kbps for extremely fast data transmission
- Supports any baud rate setting
- 4 x RS-232 or RS-232/422/485 ports
- Operating systems supported: Windows 7/8/10, and Linux.
- 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** 1x Female DB37
- **Dimensions (L x W)** 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 7/8/10, and Linux. (You can reference SW release note to know the version of supported OS.)

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

Model Name	ESD Protection	EFT Protection	Surge Protection	Isolation Protection
PCIE-1610B	15KV (air), 8KV (contact)	1000 V	1000 V	
PCIE-1612B	15KV (air), 8KV (contact)	1000 V	1000 V	
PCIE-1612C	15KV (air), 8KV (contact)	1000 V	1000 V	3000 V _{oc}

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 & Isolation

Note: this series includes cable OPT4A.

Accessories

- **OPT4A-AE** DB37 x1 to DB9 x4 Cable, 30cm
- **1700018791** DB37 x1 to DB25 x4 Cable, 30cm