

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

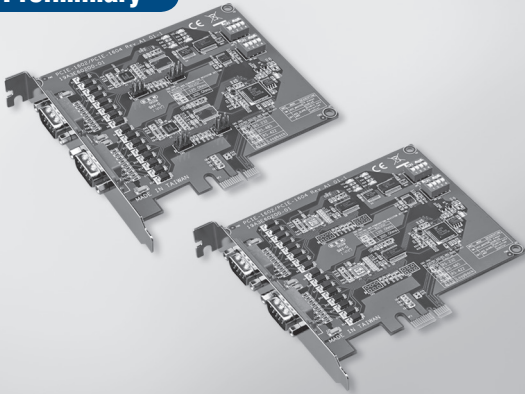
2-port RS-232/422/485 PCI Express Communication Card

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

Preliminary

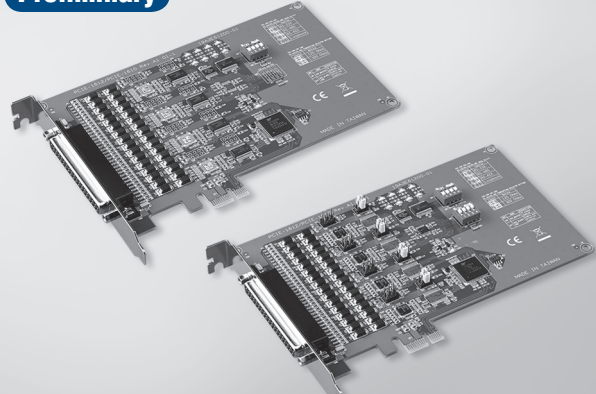


PCIE-1602

PCIE-1604



Preliminary



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 2000/XP/Vista/7, Linux 2.4/ 2.6/ 3.x.x, QNX6.5 and Vxworks
- 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 Xp, win7, win8, win8.1, win10, server 2008, server2012, Linux 2.6.x, 3.x.x, Qnx 6.3, 6.5, Vxworks 6.9

Environment

- **Operating Humidity** 5 ~ 95 % RH, non-condensing
- **Operating Temperature** 0 ~ 70°C (32 ~ 158°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** 2-port RS-232/422/485 PCI Express Comm. Card w/Surge
- **PCIE-1602C** 2-port RS-232/422/485 PCI Express Comm. Card w/Surge & Isolation
- **PCIE-1604B** 2-port RS-232 PCI Express Comm. Card w/Surge
- **PCIE-1604C** 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 2000/XP/Vista/7, Linux 2.4/ 2.6/ 3.x.x, QNX6.5 and Vxworks
- 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 Xp, win7, win8, win8.1, win10, server 2008, server2012, Linux 2.6.x, 3.x.x, Qnx 6.3, 6.5, Vxworks 6.9

Environment

- **Operating Humidity** 5 ~ 95 % RH, non-condensing
- **Operating Temperature** 0 ~ 70°C (32 ~ 158°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** 4-port RS-232 PCI Express Comm. Card w/Surge
- **PCIE-1612B** 4-port RS-232/422/485 PCI Express Comm. Card w/Surge
- **PCIE-1612C** 4-port RS-232/422/485 PCI Express Comm. Card w/Surge & Isolation

Note: this series includes cable OPT4A.

Accessories

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