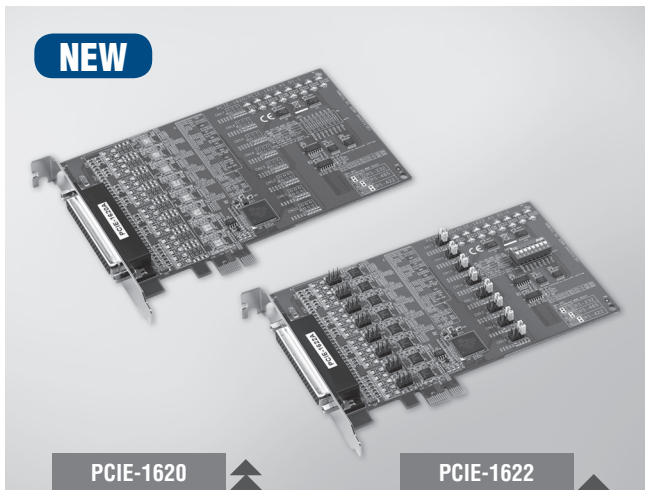


PCIE-1620 PCIE-1622

8-port RS-232 PCI Express Communication Card 8-port RS-232/422/485 PCI Express Communication Card



Features

- PCI Express x1 compliant
- Speeds up to 921.6 kbps for extremely fast data transmission
- Supports any baud rate setting
- 8 x RS-232 or RS-232/422/485 ports
- Operating systems supported: Windows 2000/XP/Vista/7, and Linux 2.4/2.6
- OXPIC958 UART with 128-byte FIFOs standard

Introduction

PCIE-1620 is an 8-port RS-232, and PCIE-1622 is an 8-port RS-232/422/485 PCI Express communication cards that are compatible with the PCI Express x1 specification. The cards provide eight EFT protected RS-232/422/485 ports up to 2,500 V_{DC}, and have many functions such as high transmission speed of 921.6 kbps; either eight independent RS-232 ports or eight independent RS-232/422/485 ports which comes with high-performance PIC958 UARTs with 128-byte FIFO to reduce CPU load. Thus, the PCIE-1620/ PCIE-1622 are especially suitable for making your system reliable in multitasking environments.

Specifications

General

- **Bus Type** PCI Express® x1 compliant
- **Certification** CE, FCC class A
- **Connectors** 1x Female DB62
- **Dimensions (L x W)** 185 x 100 mm (7.3" x 3.9")
- **Power Consumption** 260 mA @ +3.3 V

Communications

- **Comm. Controller** OXPIC958
- **Data Bits** 5, 6, 7, 8
- **Data Signals** RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
- **FIFO** 128 bytes
- **Flow Control** RTS/CTS, Xon/Xoff
- **Parity** None, Odd, Even, Mark and Space
- **Speed** 50 bps ~ 921.6 kbps and any other baud rate setting
230.4 kbps (PCIE-1620B and PCIE-1622B only)
- **Stop Bits** 1, 1.5, 2

Protection

- **ESD Protection** 15 KV
- **EFT Protection** 2,500 KV
- **Surge Protection** 1,000 V_{DC}

Software

- **Bundled Software** ICOM Tools
- **OS Support** Windows 2000/XP/Vista/7 and Linux

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

- **PCIE-1620A** 8-port RS-232 PCI Express Comm. Card
- **PCIE-1620B** 8-port RS-232 PCI Express Comm. Card w/Surge
- **PCIE-1622A** 8-port RS-232/422/485 PCI Express Comm. Card
- **PCIE-1622B** 8-port RS-232/422/485 PCI Express Comm. Card w/ Surge