PCI-1610AJU 4-port RS-232 Universal PCI Communication Card, w/4 RJ45 Connectors



Features

- PCI bus specification 2.2
- Speeds up to 921.6 kbps
- 4-port RS-232
- 16PCI954 UARTs with 128-byte FIFOs standard
- I/O address automatically assigned by PCI Plug & Play
- OS supported: Windows® 98/ME/2000/XP/XP Embedded, Linux®
- Interrupt status register for increased performance
- Powerful and easy to use Utility (ICOM Tools)
- Provides four RJ45 connectors
- Universal PCI (Supports 3.3 V or 5 V PCI bus signal)

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Introduction

PCI-1610AJU is a 4-port RS-232 universal PCI communication card and provides 4 RJ-45 connectors for easy installation and cabling for some unique applications like ATMs or POS systems.

PCI-1610AJU offers transmission speeds up to 921.6 kbps and also comes with a high-performance 16PCI954 UART with a 128-byte FIFO to reduce CPU load. These components make your system more stable and reliable. PCI-1610AJU's universal PCI connector is compatible with both newer 3.3 V PCI BUS and traditional 5 V PCI BUS signals. This gives high compatibility and allows usage in diverse systems.

Advantech also provides a convenient utility program, ICOM Tools, to help test the PCI card performance by analyzing the port status. With menu commands and toolbar buttons, ICOM Tools acts as a PC-based data scope that lets you set a trigger condition and captures the communications data and monitors the signal status. ICOM Tools is applicable to all series of Advantech ICOM cards. Although the card is designed for RJ-45 connector requirements, the card also comes with four RJ-45 to DB9 cables and LEDs on the RJ-45 connectors and you can test the PCI card's performance by analyzing the status of the ports, and easily configure the settings of the card.

Specifications

General

Universal PCI V 2.2 Bus Type CE, FCC class A Certifications Connectors 4 x RJ45

Dimensions (L x W) 123 x 92 mm (4.8" x 3.6") Power Consumption Typical +12 V: 60 mA

+12 V: 80 mA +5 V: 150 mA +5 V· 180 mA

Communications

 Communication 16PCI954 Controller

 Data Bits 5, 6, 7, 8

TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND Data Signals

FIF0 128 bytes Flow Control RTS/CTS, Xon/Xoff

IRQ Assigned by Plug & Play Parity None, even, odd Stop Bits 1, 1.5, 2

Speed 50 bps ~ 921.6 kbps

Protection

 ESD Protection 16 kV

Software

- Bundled Software ICOM Tools

Windows 98/ME/2000/XP/XP Embedded, Linux Driver Support

Environment

■ **Humidity (Operating)** 5 ~ 95% RH, non-condensing (refer to IEC 68-2-3) • Operating Temperature $0 \sim 65^{\circ}$ C (refer to IEC 68-2-1, 2), (32 $\sim 149^{\circ}$ F)

■ **Storage Temperature** -25 ~ 85° C (-13 ~ 185° F)

Ordering Information

■ PCI-1610AJU 4-port RS-232 PCI COMM card w/ 4 RJ45 connectors

(4*30cm RJ45 tp DB9 cable included)

OPT1E 1 m RJ45 to DB9 cable (only for PCI-1610AJU) OPT1F 30 cm RJ45 to DB9 cable (only for PCI-1610AJU)

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Last undated : 20-Jan-2006