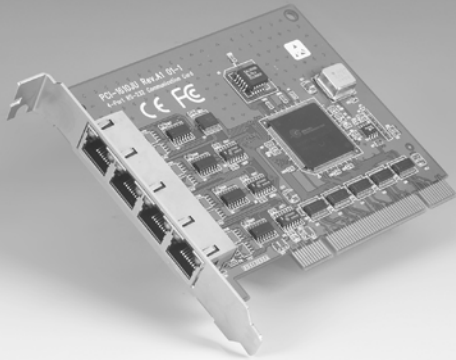


PCI-1610AJU

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

NEW



FCC CE

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)

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

▪ Bus Type	Universal PCI V 2.2
▪ Certifications	CE, FCC class A
▪ Connectors	4 x RJ45
▪ Dimensions (L x W)	123 x 92 mm (4.8" x 3.6")
▪ Power Consumption	Typical Max
	+12 V: 60 mA +12 V: 80 mA
	+5 V: 150 mA +5 V: 180 mA

Communications

▪ Communication Controller	16PCI954
▪ Data Bits	5, 6, 7, 8
▪ Data Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
▪ FIFO	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
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Software

▪ Bundled Software	ICOM Tools
▪ Driver Support	Windows 98/ME/2000/XP/XP Embedded, Linux

Environment

▪ Humidity (Operating)	5 ~ 95% RH, non-condensing (refer to IEC 68-2-3)
▪ Operating Temperature	0~ 65° C (refer to IEC 68-2-1, 2), (32 ~ 149° 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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All product specifications are subject to change without notice

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