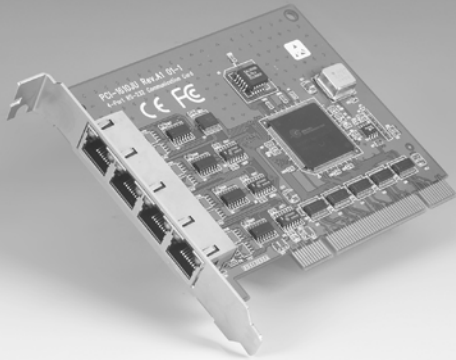


# PCI-1610AJU

## 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

#### 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)