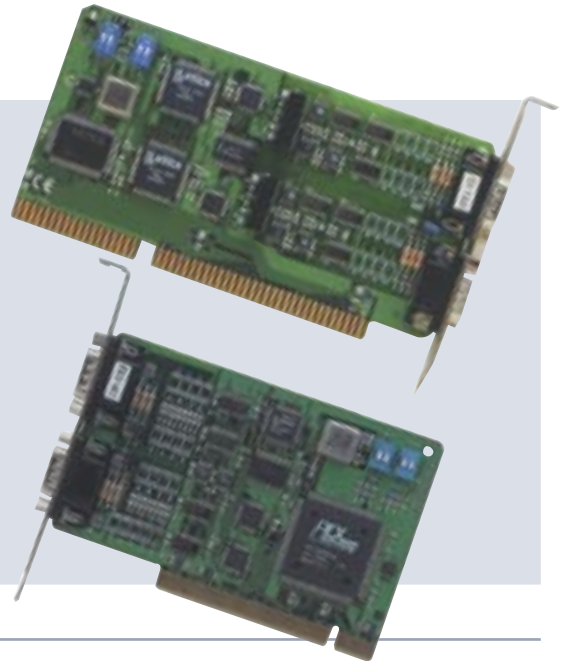


# CP-132/CI-132 Series

## 2-Port RS-422/485 PCI/ISA Card

### Features

- 2-port RS-422/485 high speed communication board
- Compact PCI/ISA board size
- Versatile OS driver support
- Various connection options
- Data transmission speeds up to 921.6 Kbps
- On-chip hardware flow control
- Easy configuration without switches or jumpers



### Overview

MOXA's CP-132 series offers 2 independent RS-422/RS-485 serial ports for connecting data acquisition equipment and many other serial devices to a PC, and provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft). And with its optional surge protection

and isolation, these products are well suited for industrial environments. Connections with point-to-point full-duplex or multidrop half-duplex are available to meet user's varied needs.

### Ordering Information

#### PCI Solution

**CP-132:** PCI bus, 2-port RS-422/485 serial board

**CP-132I:** PCI bus, 2-port RS-422/485 serial board w/ Isolation

\*For a PCI Surge Protection Solution, refer to the Universal PCI section.

#### ISA Solution

**CI-132:** ISA bus, 2-port RS-422/485 serial board

**CI-132I:** ISA bus, 2-port RS-422/485 serial board w/ Isolation

**CI-132IS:** ISA bus, 2-port RS-422/485 serial board w/ Surge & Isolation Protection

All items include: MOXA Software CD-ROM, User's Manual

### Optional Wiring Terminal

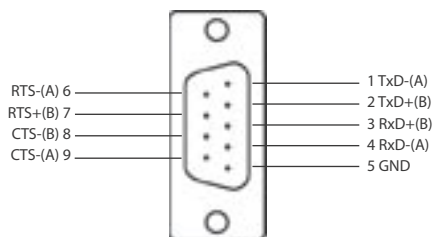
**TB-M9** DIN-Rail mountable DB9 male to 9-pin terminal block wiring terminal

**TB-F9** DIN-Rail mountable DB9 female to 9-pin terminal block wiring terminal



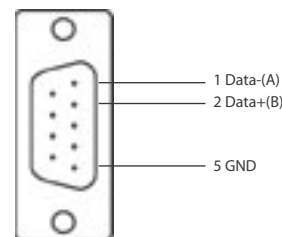
## MOXA Industrial Board RS-422/485 Wiring Topology

RS-422



DB9 Male

RS-485



DB9 Male

## Specifications

### PCI

#### Hardware

**I/O controller:** 16C550C or compatible x 2

#### Interface

**Bus:** PCI Ver. 2.1 (32-bit)

#### Performance

**Speed:** 50 bps to 921.6 Kbps

#### Configuration

**Parity:** None, even, odd, space, mark

**Data Bits:** 1, 1.5, 2

**Stop Bits:** 5, 6, 7, 8

**IRQ:** Assigned by BIOS

**IO:** Assigned by BIOS

#### OS Supported

Windows XP/2000/NT/95/98/ME, Linux

#### Power and Environment

##### Power requirements:

**CP-132:** 430 mA max. (+5V)

**CP-132I:** 700 mA max. (+5V)

**Operating Temp:** 0 to 55°C

**Operating Humidity:** 5 to 95% RH

**Storage Temp:** -20 to 85°C

##### Dimensions

**CP-132:** 120 x 80 mm (WxD)

**CP-132I:** 120 x 110 mm (WxD)

**Isolation Protection:** 2 KV (CP-132I/CP-132IS)

**Regulatory Approvals:** CE, FCC

### ISA

#### Hardware

**I/O controller:** 16C550C or compatible x 2

#### Interface

**Bus:** ISA (16-bit)

#### Performance

**Speed:** 50 bps to 921.6 Kbps

#### Configuration

**Parity:** None, even, odd, space, mark

**Data Bits:** 1, 1.5, 2

**Stop Bits:** 5, 6, 7, 8

**IRQ:** 2, 3, 4, 5, 7, 10 (Default), 11, 12, 15

**IO:** 0x0000 - 0xFFFF (Default:0x180)

#### OS Supported

Windows XP/2000/NT/95/98/ME, Linux, SCO Open Server/  
UNIX/XENIX, QNX4.2x

#### Power and Environment

##### Power Requirements:

**CI-132:** 240 mA max. (+5V)

**CI-132IS:** 620 mA max. (+5V)

**Operating Temp:** 0 to 55°C

**Operating Humidity:** 5 to 95% RH

**Storage Temp:** -20 to 85°C

##### Dimensions

**CI-132:** 157 x 75 mm (WxD)

**CI-132IS:** 157 x 105 mm (WxD)

**Isolation Protection:** 2 KV (CI-132I/CI-132IS)

**Regulatory Approvals:** CE, FCC