

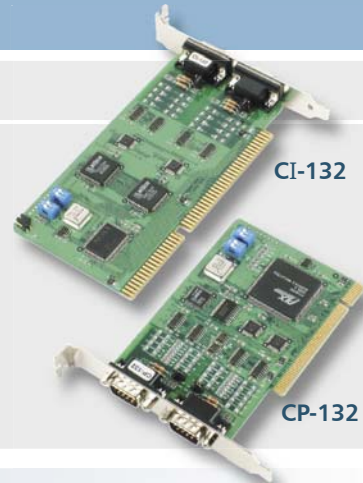
Multiport Serial Board Solutions

CP-132/CI-132 Series

2-Port RS-422/485 PCI/ISA Boards

Features

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



Overview

MOXA's CP-132/CI-132 series offers 2 independent RS-422/485 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 users' varied needs.

Ordering Information

PCI Solution

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

CP-132S: CP-132 w/ 25 KV ESD Surge Protection

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

CP-132IS: w/ 25 KV ESD Surge Protection and 2 KV Isolation

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/ 2 KV Isolation

CI-132IS: w/ 25 KV ESD Surge Protection and 2 KV Isolation

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

Optional Wiring Terminal

TB-F9

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



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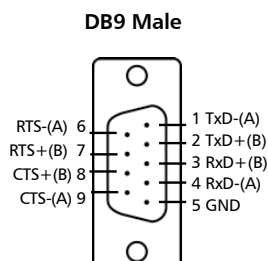
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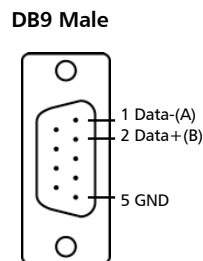
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CP-132/CI-132 RS-422/485 Pin Assignment

RS-422



RS-485



Specifications

PCI (CP-132)

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: 5, 6, 7, 8

Stop Bits: 1, 1.5, 2

IRQ: Assigned by BIOS

IO: Assigned by BIOS

OS Supported

Windows 95/98/ME/NT/2000/XP/2003, Linux, DOS

Power and Environment

Power requirements:

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

CP-132I, CP-132IS: 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/CP-132S: 120 x 80 mm (W x D)

CP-132I/CP-132IS: 120 x 110 mm (W x D)

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

Surge Protection: 25 KV ESD (CP-132S/CP-132IS)

Regulatory Approvals: CE, FCC

ISA(CI-132)

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: 5, 6, 7, 8

Stop Bits: 1, 1.5, 2

IRQ: 2(9), 3, 4, 5, 7, 10 (Default), 11, 12, 15

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

OS Supported

Windows 95/98/ME/NT/2000/XP/2003, Linux, DOS

(For more details, refer to the OS support section.)

Power and Environment

Power Requirements:

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

CI-132I, 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 (W x D)

CI-132IS: 157 x 105 mm (W x D)

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

Surge Protection: 25 KV ESD (CI-132IS)

Regulatory Approvals: CE, FCC