

# CI-132 Series

## 2-Port RS-422/485 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 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.

### Specifications

#### 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)

#### Operating Systems

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)

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

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

**Regulatory Approvals:** CE Class B, FCC Class B

### Ordering Information

**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 Optical Isolation

**CI-132IS:** ISA bus, 2-port RS-422/485 serial board w/ 25 KV ESD Surge Protection and 2 KV Optical Isolation