

# CI-132 Series

## 2-port RS-422/485 ISA Boards



### Features

- Versatile OS driver support
- 2 male DB9 ports for easy wiring
- Data transmission speed up to 921.6 Kbps
- On-chip hardware flow control
- Easy configuration without switches or jumpers
- Built-in termination resistors



### : Overview

MOXA's CI-132 serial boards come with 2 independent RS-422/485 serial ports for connecting data acquisition equipment and other types serial devices to a PC. The CI-132 provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft), and its

optional surge protection and isolation options make it suitable 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:** 16-bit ISA

**Max. No. of ports:** 8 (4 boards)

#### Performance

**Baudrate:** 50 bps to 921.6 Kbps

#### Configuration

**Parity:** None, Even, Odd, Space, Mark

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

**Stop Bit(s):** 1, 1.5, 2

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

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

#### Power and Environment

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

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

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

**Operating Temp:** 0 to 55°C (32 to 131°F)

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

**Storage Temp:** -20 to 85°C (-4 to 185°F)

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

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

#### Dimensions (W x D)

CI-132: 157 x 75 mm (W x D)

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

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

#### Regulatory Approvals

EN55022 Class B, EN55024, EN6100-3-2, EN61000-3-3, FCC Part 15 Class B

**Warranty:** 5 years

### : Ordering Information

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

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

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

#### Package Checklist

- Serial Board with standard bracket
- Document & Software CD-ROM
- Quick Installation Guide