

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