

CI-134 Series

4-port RS-422/485 ISA Boards



Features

- > RS-485 ADDC™ data control or by RTS
- > Various connection options
- > Data transmission speed up to 921.6 Kbps
- > On-chip hardware flow control
- > Optional Surge Protection & Isolation
- > Built-in termination resistors



: Overview

MOXA's CI-134 serial boards come with 4 independent RS-422/485 serial ports for connecting data acquisition equipment and other types serial devices to a PC. The CI-134 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 4

Interface

Bus: 16-bit ISA

Max. No. of ports: 16 (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-134: 450 mA max. (+5V)

CI-134I: 610 mA max. (+5V)

CI-134IS: 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-134I/CI-134IS)

Surge Protection: 25 KV (CI-134IS)

Dimensions (W x D)

CI-134: 160 x 85 mm (W x D)

CI-134I: 180 x 110 mm (W x D)

CI-134IS: 180 x 110 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-134: ISA bus, 4-port RS-422/485 serial board

CI-134I: ISA bus, 4-port RS-422/485 serial board with 2 KV Optical Isolation

CI-134IS: ISA bus, 4-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
- CBL-M37M25x4-30 or CBL-M37M9x4-30 connection cable