

# 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 series offers 4 independent RS-422/485 serial ports for connecting data acquisition equipment and many other serial devices to the PC and its compatible systems. It 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 w/16-byte FIFO

**Interface:** ISA (16-bit) (4-port RS-422/485) female DB37 Connector

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

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

#### Power and Environment

##### Power Requirements:

CI-134: 450 mA max. (+5V)

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

CI-134IS: 620 mA max. (+5V)

##### Dimensions:

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

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

**Operating Temp:** 0 to 55°C

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

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

**Storage Temp:** -20 to 85°C

**Isolation Protection:** 2 KV (CI-134I/CI-134IS)

**Surge Protection:** 25 KV ESD (CI-134IS)

### Ordering Information

**CI-134:** ISA bus, 4-port RS-422/485 serial board

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

**CI-134IS:** ISA bus, 4-port RS-422/485 serial board w/ 25 KV ESD Surge Protection and 2 KV Isolation