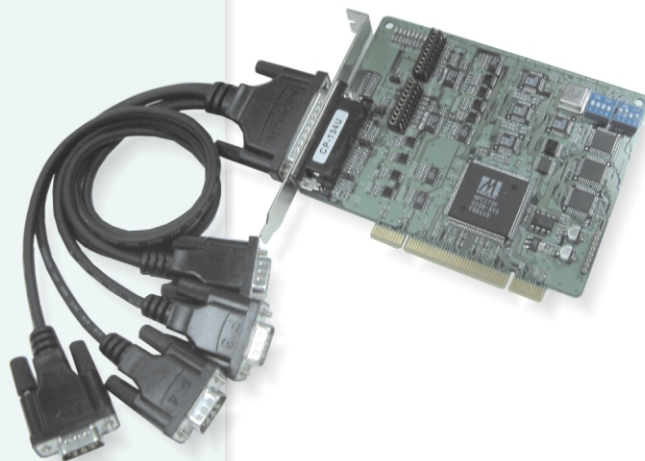


# CP-134U Series

## Industrial RS-485/422 Communication Board

### Features

- Supports 4 independent RS-422 or RS-485 serial ports
- Universal PCI bus
- Data flow LED display onboard
- Optional 2 ports setting to RS-232 interface
- Supports 64 byte FiFo Driver and Major OS platforms
- RS-485 with ADDC™
- Embedded 16 KV ESD protection
- 2 KV Optical Isolation (CP-134U-I)
- 50 bps to 230.4 Kbps transmission speed



### Introduction

MOXA's CP-134 Universal PCI series meets the new slot standard for expansion boards, and will work with both 3.3V and 5V server slots. CP-134U series offers 4 independent RS-422/485 serial ports for connecting data acquisition equipment and many other serial devices to a PC and compatible systems. It provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft), and is suitable for industrial environments.

### Ordering Information

#### CP-134U-I

4-port RS-422/485 board (cable included), Universal PCI bus, 230.4 Kbps Female DB44, isolation protection (2 KV) and embedded surge protection (16 KV ESD)

#### CP-134U

4-port RS-422/485 board (cable included), Universal PCI bus, 230.4 Kbps Female DB44 and embedded surge protection (16 KV ESD)

\*All items include: MOXA Software CD

#### CBL M44M9x4

4-port male DB44 to male DB9 x 2; 30 cm

#### CBL M44M25x4

4-port male DB44 to male DB25 x 2; 30 cm

### Specifications

#### Communications

##### Bus Interface

32-bit Universal PCI

##### Number of Ports: 4

##### I/O address/IRQ

BIOS assigned

##### Comm. Controller

MOXA UART (16C550C compatible)

##### RS-485 Data Direction Control

ADDCTM

##### Baud Rate

50 bps to 230.4 Kbps

##### Parity

none, even, odd, space, mark

##### Data Bits

5, 6, 7, 8

##### Stop Bits

1, 1.5, 2

##### Data Signal

RS-232: TxD, RxD, RTR, DCD, RTS, CTS, DSR, DTR, GND

RS-422: TxD+(B)/-(A), RxD+(B)/-(A), RTS+(B)/-(A), CTS+(B)/-(A), GND

RS-485: Data+(B)/-(A), GND

##### Connectors

DB25 Female

##### Optical Isolation

2 KV (CP-132U-I)

#### Environmental

##### Operating Temperature

0°C to 55°C

##### Storage Temperature

-20°C to 85°C

##### Humidity

5 to 95%RH

#### Mechanical

##### Dimensions (W x D)

160 x 120 mm (CP-134U-I),

135 x 110 mm (CP-134U)

(Std. Bracket: 121 mm)

#### Regulatory Approvals

CE, FCC