Total Solution for Industrial Device Networking
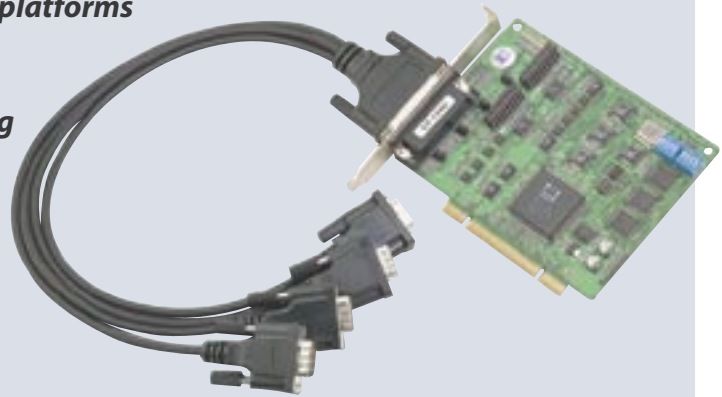
CP-134U Series

4-Port RS-485/422 Industrial Communication Board

Features

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

CE FC

Introduction

MOXA's CP-134 Universal PCI series meets the new slot standard for expansion boards, and works 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.

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: ADDC™
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 Signals:
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 (2-wire),
　　　　TxD+(B)/-(A), RxD+(B)/-(A) (4-wire)

Connectors: DB44 Female
Optical Isolation: 2 KV (CP-134U-I)
Power Consumption
CP-134U: 310 mA (+5V)
CP-134U-I: 880 mA (+5V)
Environmental
Operating Temperature: 0 to 55°C
Storage Temperature: -20 to 85°C
Humidity: 5 to 95% RH
Mechanical
160 x 120 mm (CP-134U-I), 135 x 110 mm (CP-134U)
Regulatory Approvals
CE, FCC
OS Support:
Windows 98/ME/NT/2000/XP, Linux

Ordering Information

CP-134U-I
4-port RS-422/485 board (cable included, CBL-M44M9x4-50/ CBL-M44M25x4-50 optional) , Universal PCI bus, isolation protection (2 KV)
CP-134U
4-port RS-422/485 board (cable included), Universal PCI bus

CBL-M44M9x4-50
50 cm DB44 Male to 4-port DB9 Male connection cable
CBL-M44M25x4-50
50 cm DB44 Male to 4-port DB25 Male connection cable

*All items include: MOXA Software CD

Multiport Serial Board Solutions