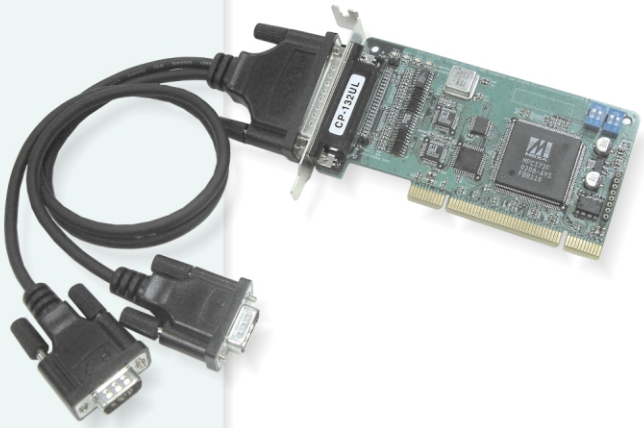
CP-132U Series

Industrial RS-485/422 Communication Board

Features

- Supports 2 independent RS-422 or RS-485 serial ports
- Universal PCI bus
- Data flow LED display onboard
- Low Profile (CP-132UL)
- Supports 64 byte FiFo Driver and Major OS platforms
- RS-485 with ADDC™
- Embeded 16 KV ESD protection
- 2 KV Optical Isolation (CP-132U-I)
- 50 bps to 230.4 Kbps



Introduction

MOXA's CP-132 Universal PCI series meets the new slot standard for expansion boards, and works with both 3.3V and 5V server slots. CP-132U series offer 2 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-132U-I
2-port RS-422/485 board (cable included), Universal PCI bus, 230.4 Kbps Female DB25, isolation protection (2 KV) and embedded surge protection (16 KV ESD)

CP-132UL
2-port RS-422/485 board (cable included), Universal PCI bus, Low Profile, 230.4 Kbps Female DB25 and embedded surge protection (16 KV ESD)
*All items include: MOXA Software CD

CBL M25M9x2
2-port male DB25 to male DB9 x 2; 30 cm

Specifications

Communications

Bus Interface
32-bit Universal PCI
Number of Ports: 2
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 Signal
RS-422: TxD+(B)/-(A), RxD+(B)/-(A), RTS+(B)/-(A), CTS+(B)/-(A), GND
RS-485: Data+(B)/-(A), GND
Connectors
DB-25 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)
120 x 100 mm (CP-132U-I), 120 x 65 mm (CP-132UL)
(Std. Bracket: 121 mm, LP Bracket: 80 mm)

Regulatory Approvals
CE, FCC