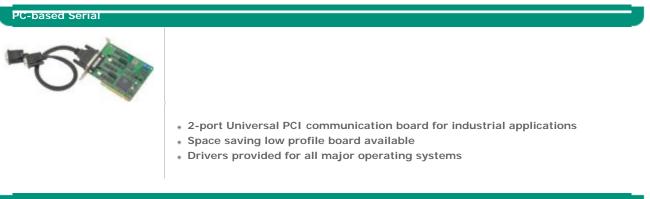


# **CP-132U Series**

### 2-Port RS-422/485 Universal PCI Boards

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### Introduction

MOXA's CP-132U Series of Universal PCI 2-port serial boards meets the new slot standard for expansion boards. CP-132U boards work with both 3.3V and 5V server slots. The CP-132U Series has 2 independent RS-422/485 serial ports for connecting data acquisition equipment and other serial devices to a PC and compatible systems. This series of Universal PCI 2-port serial boards provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft), and is suitable for industrial environments.

#### Features

- Supports 2 independent RS-422 or RS-485 serial ports
- Supports 128-byte FIFO Driver and all major OS platforms
- Universal PCI bus
- Data flow LED display onboard
- Low Profile boards available (CP-132UL and CP-132UL-I)
- RS-485 comes with ADDC<sup>™</sup>
- Embeded 16 KV ESD protection
- 2 KV Optical Isolation (CP-132UL-I)
- 50 bps to 921.6 Kbps transmission speed range

### **Specifications**

#### Hardware

Connector	Female DB25
I/O Controller	CP-132U Series V1: MOXA UART (MU150, 16C550C compatible) CP-132U Series V2: MOXA UART (MU860, 16C550C compatible)

### Interface

Bus	32-bit Universal PCI
Serial	RS-422, 2/4-wire RS-485
No. of Ports	2
Signals	RS-422: TxD+, TxD-, RxD+, RxD-, RTS+, RTS-, CTS+, CTS-, GND 4-wire RS-485: TxD+, TxD-, RxD+, RxD-, GND 2-wire RS-485: Data+, Data-, GND

### Performance

Speed	CP-132 Series V2: 50 bps to 931.6 Kbps CP-132 Series V1: 50 bps to 230.4 Kbps
Max. No. of Ports	8 (4 boards)
RS-485 Data Direction Control	ADDC™

# Configuration

Parity	None, even, odd, space, mark
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
IRQ, I/O Address	Assigned by BIOS

## Operating Systems

CP-132UL	Windows 2000/XP/2003, Windows NT, Windows 95/98/ME, Windows XP Embedded, DOS,
CP-132UL-I	FreeBSD 4.x, Linux Base

### Power and Environment

Operating Temperature	0 to 55°C
Operating Humidity	5 to 95% RH
Storage Temperature	-20 to 85°C
Dimensions (W x D)	CP-132UL: 120 x 65 mm CP-132UL-I: 120 x 65 mm (Std. Bracket: 121 mm; LP Bracket: 80 mm)
Surge Protection	16 KV ESD
Isolation Protection	2 KV (CP-132UL-I)
Regulatory Approvals	CE, FCC