■ Features

- ◾ 2x RS422 / RS485
- ◾ Support `Automatic Data Direction Control (ADDC)`
- ◾ Built-in termination resistors
- ◾ Compact board size (half-size), suitable for any PC cabinet
- ◾ On-chip hardware flow control, no data loss
- ◾ available as CP 132UL Universal

Zoom in Picture

CP-132 PCI

■ Overview

The CP-132 series is designed for RS422 / 485 industrial communication. It supports 2 independent RS422 or RS485 ports, and each port can control up to 32 devices in a multidrop environment. Applications can easily manage the data transmitting and r

■ Applications

- ◾ Industrial control
- ◾ Multiport data acquisition
- ◾ Embedded industrial machine
- ◾ Factory automation
- ◾ SCADA
- ◾ Remote serial device control

■ Specification

■ Hardware

I/O controller	2x 16C550C or compatible, each with 16 bytes Tx/Rx FIFO
Connector type	Male DB9

■ Interface

Bus interface	PCI version 2.1 (32bit)
Serial interface	RS422 / 485
No. of ports	2
Signals	RS422 TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND RS485 Data+/-, GND
RS485 data control	Auto (Automatic Data Direction Control) or by RTS
Built-in termination resistor	RS422 120 Ohm RS485 120 Ohm, jumper enable / disable

■ Performance

Speed	50 - 921.6Kbps `CP132UL, CP132UI PCI up to 230.4Kbps`
Max. no. of ports	8 (4 boards)

■ Configuration

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

■ Power and Environment

Power requirement	430mA max.(+5V)
Operation temp.	0°C - 55°C
Dimension	120mm x 80mm
Operating Systems supported	XP, Windows 2000, Windows NT, Windows 95/98/ME, DOS

■ Ordering Information

Art.No	733
Product Name	CP-132 PCI
Packing list	CP-132 PCI card CD, English documentationPComm Lite serial comm developing tool

Also available	`Art.No 748`
	`CP132UL PCI Low Profile`
	`Universal PCI 3.3V/5.0V`
	`Dimension 120x65mm, DB25 to 4xDB9 cable, standard and Low Profile bracket included`
	
	`Art.No. 747`
	`CP132UI`
	`Universal PCI 3.3V/5.0V`
	`2KV optical isolation, 16KV embedded`

■ Full size product image