■ Features

- 2x RS232 / 2xRS422/485 or 4x RS422/485 ports
- up to 16 ports per host
- PCI bus
- RS485 Automatic Data Direction Control (ADDC)
- On-board termination resistors for impedance matching
- Speed up to 921.6K bps

Zoom in Picture

CP-114 PCI

Quick Link: | Features | Overview | Applications | Specification | Hardware | Interface | Performance | Configuration | Power and Environment | Ordering Information |

■ Overview

The CP-114 PCI is designed for RS232 and RS422/485 industrial communication. It supports 4 switchselectable, independent RS232 and RS422/485 ports. Each RS422/485 port can control up to 32 devices in a multidrop environment.
Applications can easily

■ Applications

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

■ Specification

■ Hardware

I/O controller	4x 16C550C or compatible, each with 16 bytes Tx/Rx FIFO
Connector type	Male DB9

>Back to top

■ Interface

Bus interface	PCI version 2.1 (32bit)
Serial interface	RS232, RS422 / 485
No. of ports	4
Signals	RS232 TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND RS422 TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND RS485 Data+/-, GND
RS485 data control	Auto (Automatic Data Direction Control) or by RTS
Built-in termination resistor	RS485 120 Ohm, jumper enable / disable

>Back to top

■ Performance

Speed	50 - 921.6Kbps
Max. no. of ports	16 (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	720mA max.(+5V), 43mA(+12V), 31mA(-12V)
Operation temp.	0°C - 55°C
Dimension	135mm x 110mm
Operating Systems supported	XP, Windows 2000, Windows NT, Windows 95/98/ME, DOS

■ Ordering Information
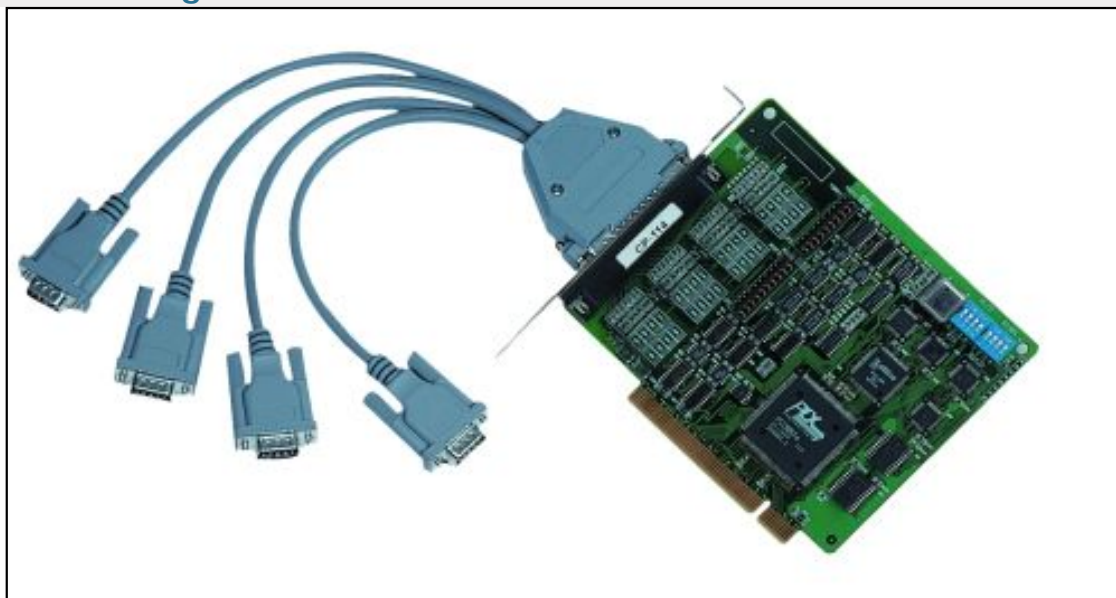
Art.No	773
Product Name	CP-114 PCI
Packing list	CP-114 PCI card cable DSUB 37 to 4 x DSUB 9 male CD, English documentation PComm Lite serial comm developing tool

■ Full size product image