

## Model Information



### ■ Main Features

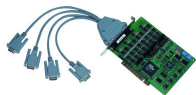
- 2x RS232/ 2xRS422/485 or 4x RS422/485 ports,
- up to 16 ports per host
- PCI bus
- RS485 Automatic Data Direction Control (ADDC)
- On-board termination resistors for impedance matching
- Speed up to 921.6K bps
- Optical isolation, max. 2kV

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## CP-114 I PCI

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### ■ More Pictures



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### ■ Overview

The CP-114 I 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 easil

### ■ Specification

#### ■ Hardware

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

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#### ■ Interface

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

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#### ■ Performance

|                          |                |
|--------------------------|----------------|
| <b>Speed</b>             | 50 - 921.6Kbps |
| <b>Max. no. of ports</b> | 16 (4 boards)  |

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#### ■ Configuration

|               |                              |
|---------------|------------------------------|
| <b>Parity</b> | None, even, odd, space, mark |
|---------------|------------------------------|

|                    |                  |
|--------------------|------------------|
| <b>Data bits</b>   | 5, 6, 7, 8       |
| <b>Stop bits</b>   | 1, 1.5, 2        |
| <b>IRQ</b>         | Assigned by BIOS |
| <b>I/O address</b> | Assigned by BIOS |

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#### ■ Power and Environment

|                                    |  |
|------------------------------------|--|
| <b>Power requirement</b>           | 720mA max.(+5V), 43mA(+12V), 31mA(-12V)                    |
| <b>Operation temp.</b>             | 0°C - 55°C   |
| <b>Dimension</b>                   | 135mm x 110mm  |
| <b>Isolation Protection</b>        | 2KV  |
| <b>Operating Systems supported</b> | Vista, XP, Windows 2000, Windows NT, Windows 95/98/ME, DOS |

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#### ■ Ordering Information

|                     |  |
|---------------------|--|
| <b>Part Number</b>  | 782  |
| <b>Product Name</b> | CP-114 I PCI   |
| <b>Packing list</b> | CP-114 I PCI card<br>cable DSUB 37 to 4 x DSUB 9 male<br>CD, English documentation<br>PComm Lite serial comm developing tool |

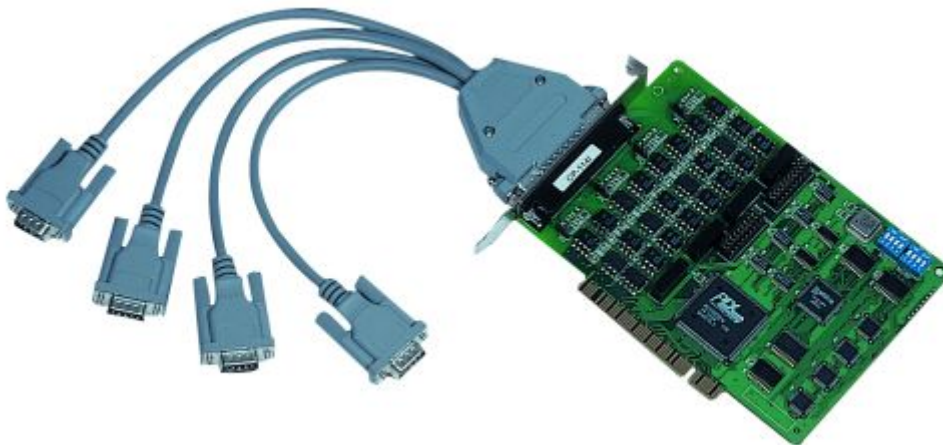
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