

# **P524U**

## **Universal PCI PORT Card**

Flexible → **3.3V & 5V PCI**

Powerful → **RS232, RS422, RS485**



- Support **two RS422/485 port and two RS232 port** in one card.
- Support **UNIX & LINUX** system driver.
- Support **Windows 95/98/NT/2000/XP/Vista/WIN7** system driver.
- Support **DOS** driver.
- Support Auto-Data-Direction-Control (**ADDC**) feature in RS485 port.
- Support surge protector in **TXD/RXD** signal line

# P524U Specification

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## System Structure

- ▲ intelligent PCI/PORT Card.
- ▲ external cable with four standard DB25/DB9 connector(A400 cable or P485 cable)

## Serial Communication Controller

- ▲ type : 16550A compatible with PGA support.
- ▲ speed : 1.8432MHz. (Can be used upto 7.3728MHz ).

## Hardware Compatibility

- ▲3.3V & 5V PCI bus slot.

## Software Compatibility

- ▲DOS Library
- ▲WIN2000/XP/Vista/WIN7
- ▲WIN95/98/Me
- ▲Windows NT
- ▲Linux
- ▲SCO OpenServer

## System I/O & IRQ mapping

- ▲one 32byte and one 8byte I/O mapping assigned by PCI BIOS.
- ▲one IRQ mapping assigned by PCI BIOS.

## Port capability

- ▲ number of port : 4 ports per card.
- ▲ Interface :  
RS232C \* 2 (port A, B)  
RS422/485 \* 2 (port C, D)  
*Note : each RS422/485 port can be set by DIP switch independently.*
- ▲ Baud Rate : each port can be configured to 50---115200bps.
- ▲ Connector type :  
DB25 male connector. ( with A400 cable )  
DB9 male connector. ( with P485 cable )

## Dimension

- ▲card : 122 \* 86 mm.

## Environment

- ▲operating temperature : 0°C to 55°C .
- ▲operating humidity : 10% to 95% RH.
- ▲storage temperature : 0°C to 65°C.
- ▲ storage humidity : 5% to 95% RH.

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## Performance upgrade capability and relative products.

- ▲user can connect with RS4232-4 box to support isolated RS232, RS422 or RS485 interface for each port independently.
- ▲ IOP3927 X-PORT card : support upto 64 ports per card.
- ▲ P1688U RAS-PRO Card : intelligent eight RS232 port card.
- ▲ P232 PCI/PORT card : two RS232 port card.
- ▲ P422I PCI/PORT card : two ground isolated RS422/485 port card.
- ▲ P485 PCI/PORT card : four ground isolated RS422/485 port card.
- ▲ P588U PCI/PORT card : universal eight RS232 port card.
- ▲ P8485U PCI/PORT card : universal eight RS422/485 port card.

- All names are the trade marks of their respective organization.



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