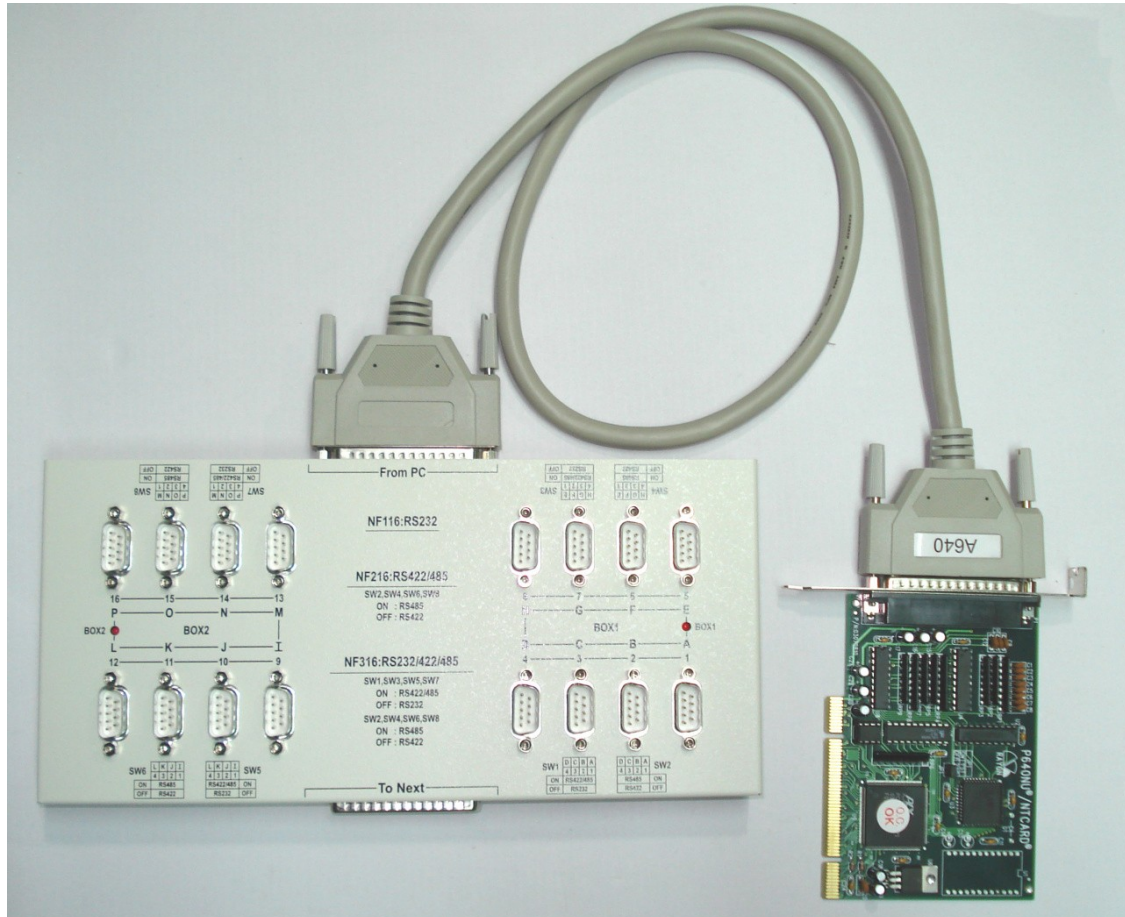


P3016 Universal PCI[®]PORT card

Support 16 RS232/RS422/RS485 Ports

Support 5V & 3.3V PCI slot



- ★ Support 16 RS232/RS422/RS485 serial ports in one PCI slot.
- ★ Just one IRQ for 16 ports.
- ★ Support DOS system driver.
- ★ Support Windows 95/98/Me system driver.
- ★ Support Windows NT/2000/XP/Vista system driver.
- ★ Support Windows 7/8/10 system driver.
- ★ Support Linux and SCO Openserver System driver.
- ★ Support card and metal box structure.

P3016 specification:

System structure:

- ▲P640NU intelligent multi-port card.
- ▲NF316 connector box.
- ▲A640 cable.

System resource and IRQ map:

- ▲Memory map model:
 - * 128Byte for PCI controller.
 - * two 4Kbyte for UART controller.
- ▲I/O map model:
 - * 128Byte I/O for PCI controller.
 - * 256byte I/O for UART controller.
 - * 64byte I/O for status register.
- ▲one free IRQ assigned by PCI BIOS.

Hardware compatibility:

- ▲5V & 3.3V PCI 33MHz bus slot.

Software compatibility:

- ▲DOS. (I/O map model only).
- ▲WIN 95/98/Me. (I/O map model only).
- ▲Windows NT system.
- ▲Windows 2000/XP/Vista system.
- ▲Windows 7/8/10 system.
- ▲SCO Openserver
- ▲Linux system.

Port capability :

- ▲P640NU card with one NF316 box can support 16 RS232/RS422/RS485 serial ports.

BOX specification.

Interface: :

- ▲NF316 box: RS232,RS422 or RS485.
16 ports per box.

Note: each port can be set to RS232,RS422 or RS485 by DIP switch independently.
One bit set for RS232 or RS422/RS485.
One bit set for RS422 or RS485.

Baud Rate: :

- ▲each port can be configured to 110 - 115200bps.
Note: In UNIX system we use 50bps, 75bps, 150bps to set the target speed 57600bps, 76800bps and 115200bps.

Flow Control: :

- ▲XON/XOFF software handshake.
- ▲RTS/CTS hardware handshake.

Connector type :

- ▲NF316 box: DB9 male connector.

Dimension :

- ▲card: 5.0 * 3.4 inch.

Environment :

- ▲operating temperature: 5°C to 40°C.
- ▲operating humidity: 10% to 90% RH.
- ▲storage temperature: 0°C to 65°C.
- ▲storage humidity: 5% to 90% RH.

Other relative products.

- ▲ user can upgrade P640NU card to intelligent PCIIOP series card and use same connector box.
- ▲ A3016 card: PCIe card as P3016 card.
- ▲ IOP3927F card: built-in 133MHz MIPS local processor.

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