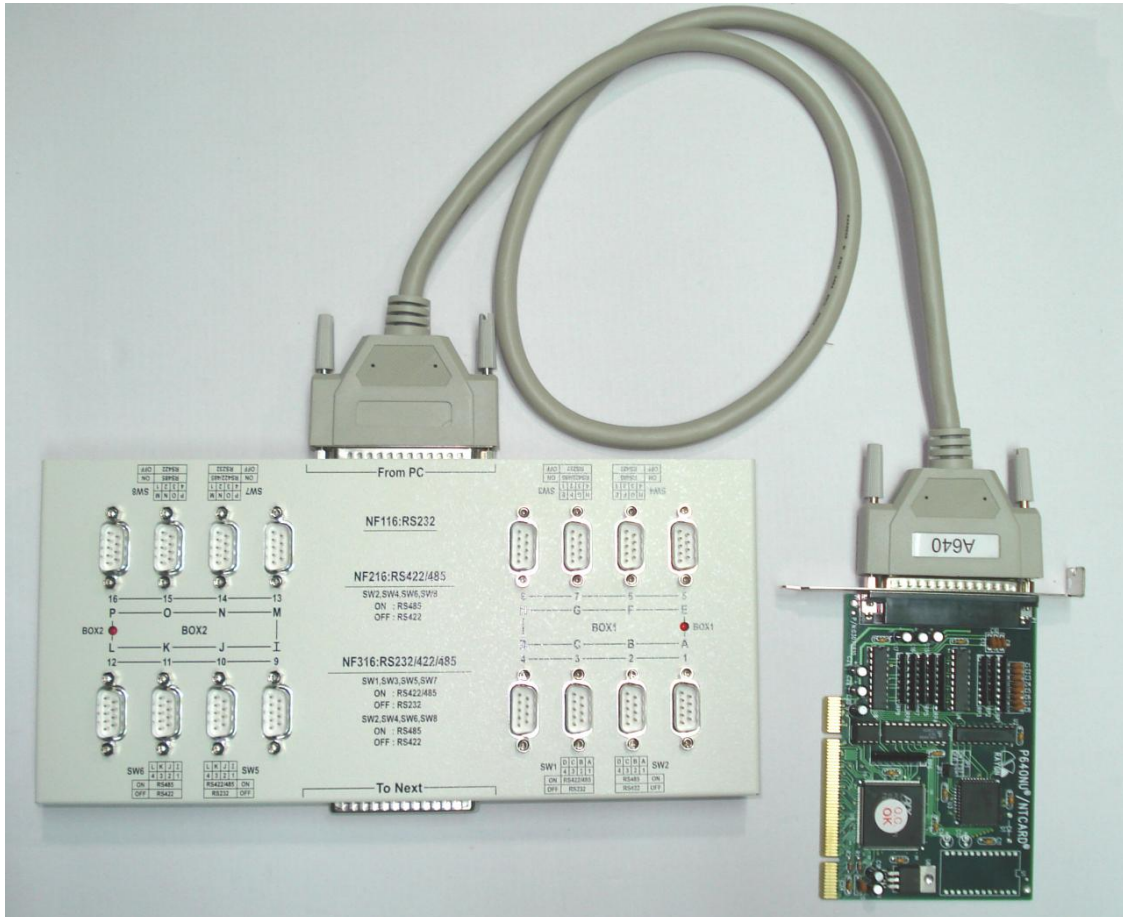


# **P3016** Universal PCI PORT card

**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 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 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.
- ▲ P990F card: built-in 80960JF local processor.
- ▲ IOP3927F card: built-in 133MHz MIPS local processor.

\* All names are the trademarks of their respective organizations.



### **RAYON TECHNOLOGY CO., LTD.**

2F, No. 177, Chung\_Shan 2 Rd., Lu\_Chou city, Taipei Hsien, Taiwan.

TEL: 886-2-82858362 FAX: 886-2-82857065

E-Mail: [rayon@ms1.hinet.net](mailto:rayon@ms1.hinet.net)

WEB: <http://www.computex.com.tw/rayon>

WEB: <http://www.rayontech.com>