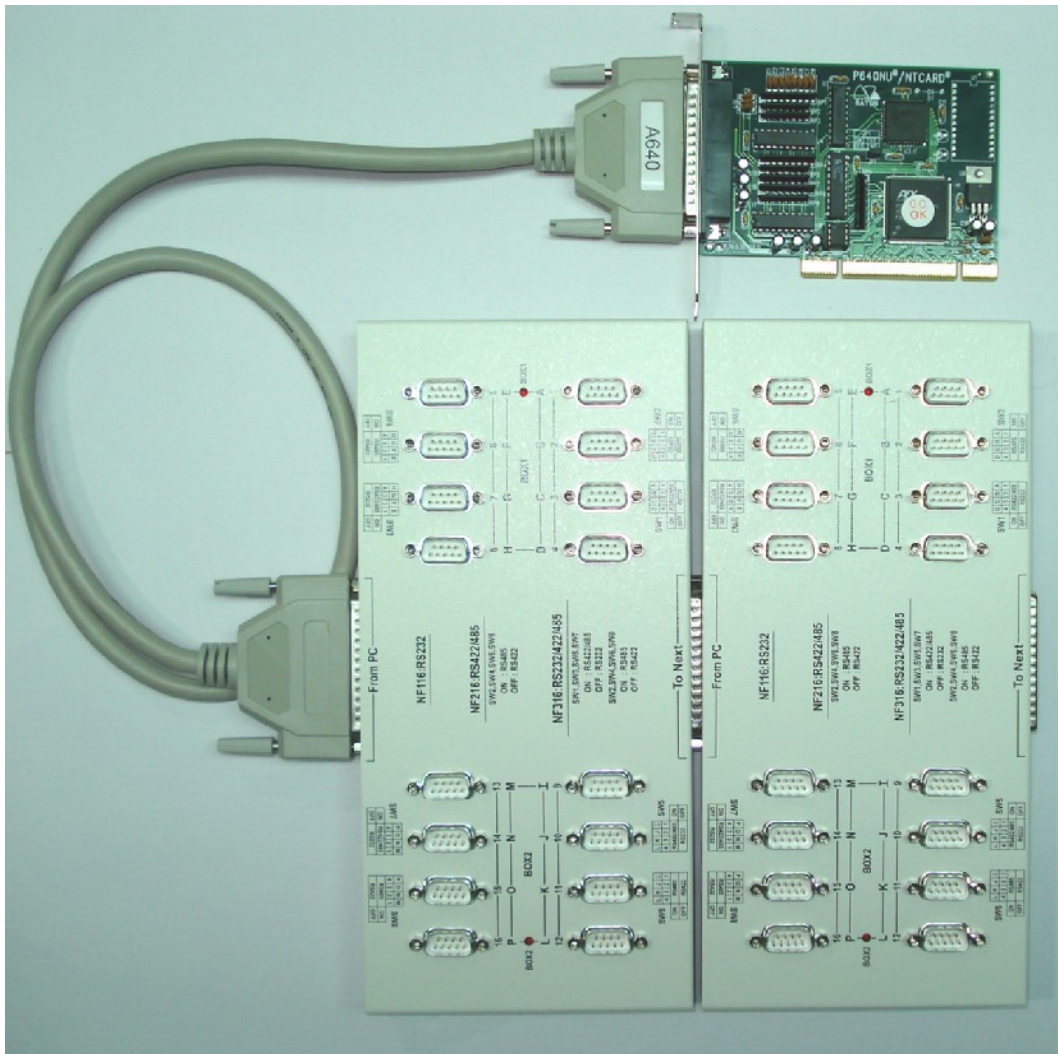


# **P1232** Universal PCI/PORT card

**Support 16 RS232 Ports**

**Support 16 RS422/RS485 Ports**

**Support 5V & 3.3V PCI slot**



- ★ Support 16 RS232 and 16 RS422/RS485 serial ports in one PCI slot.
- ★ Just one IRQ for 32 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.

## ***P1232 specification:***

### **System structure:**

- ▲P640NU intelligent multi-port card.
- ▲one NF116 connector box.
- ▲one NF216 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 NF116 box can support 16 RS232 serial ports and one NF216 box can support 16 RS422/485 serial ports.

### **BOX specification.**

#### **Interface: :**

- ▲NF116 box: RS232 16 ports per box.
  - ▲NF216 box: RS422 or RS485. 16 ports per box.
- Note: each port can be set to RS422 or RS485 by DIP switch independently.

#### **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 :**

- ▲NF116 box: DB9 male connector.
- ▲NF216 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.
- ▲ A1232 card: PCIe card as P1232 card.
- ▲ IOP3927F card: built-in 133MHz MIPS local processor.

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