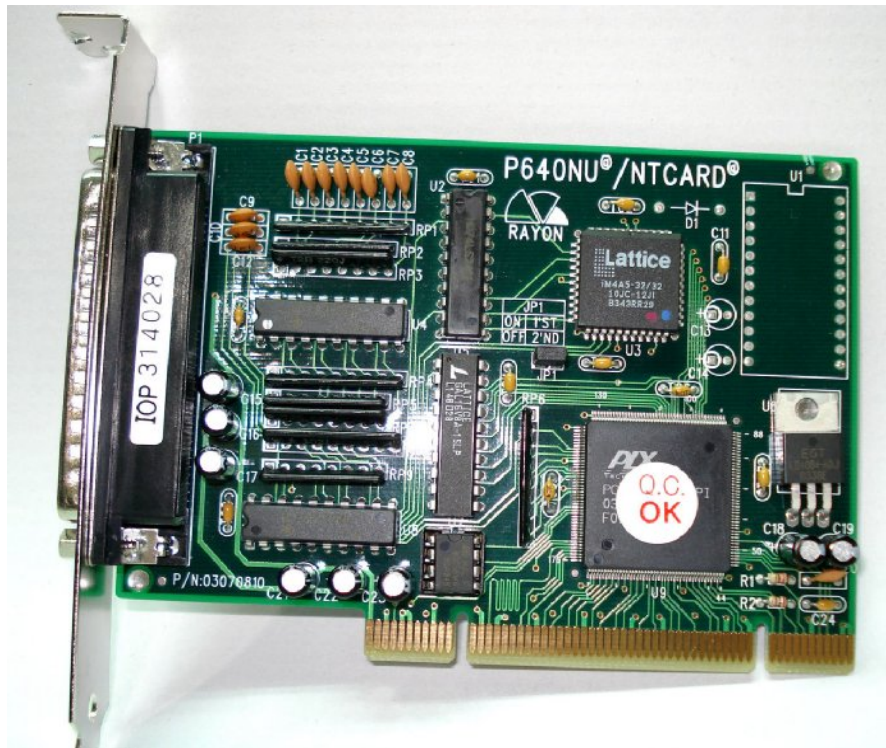


P640NU *Universal PCI PORT card*

Intelligent Multiport Card

Support upto **64 Ports**

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



- ☆ Support upto **64 serial ports** in one PCI slot.
- ☆ Just one **IRQ for 64 ports**.
- ☆ Support **DOS** system driver.
- ☆ Support **Windows 95/98/Me** system driver.
- ☆ Support **Windows NT/2000/XP/Vista** system driver.
- ☆ Support **Linux** and **SCO** Openserver System driver.
- ☆ Support Surge Protector in **TXD/RXD signal line**.
- ☆ Expand from 8 serial ports to 64 serial ports only need **5 seconds**.
- ☆ Support **2 cards** and **128 ports** per system.
- ☆ The distance between card and box can be upto **10 meters**.

P640NU specification:

System structure

- ▲ P640NU intelligent multi-port card.
- ▲ F641N/F642N/NF116/NF216/NF316 multi-port connector box.

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 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.
- ▲ *SCO Openserver*.
- ▲ *Linux system*.

Port capability

- ▲ Each P640NU card can use with F641N/F642N/NF116/NF216/NF316 box.
- ▲ each P640NU card can support upto 64 serial ports in any combination.

Interface:

- ▲ F641N box: RS232C compatible.
8 ports per box.
- ▲ F642N box: RS422 compatible.
8 ports per box.
- ▲ NF116 box: RS232C compatible.
16 ports per box.
- ▲ NF216 box: RS422/RS485 settable
16 ports per box.
- ▲ NF316 box: RS232/RS422/RS485 settable
16 ports per box.

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:

- ▲ F641N/F642N box: **DB25** male connector.
- ▲ NF116/NF216/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.

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