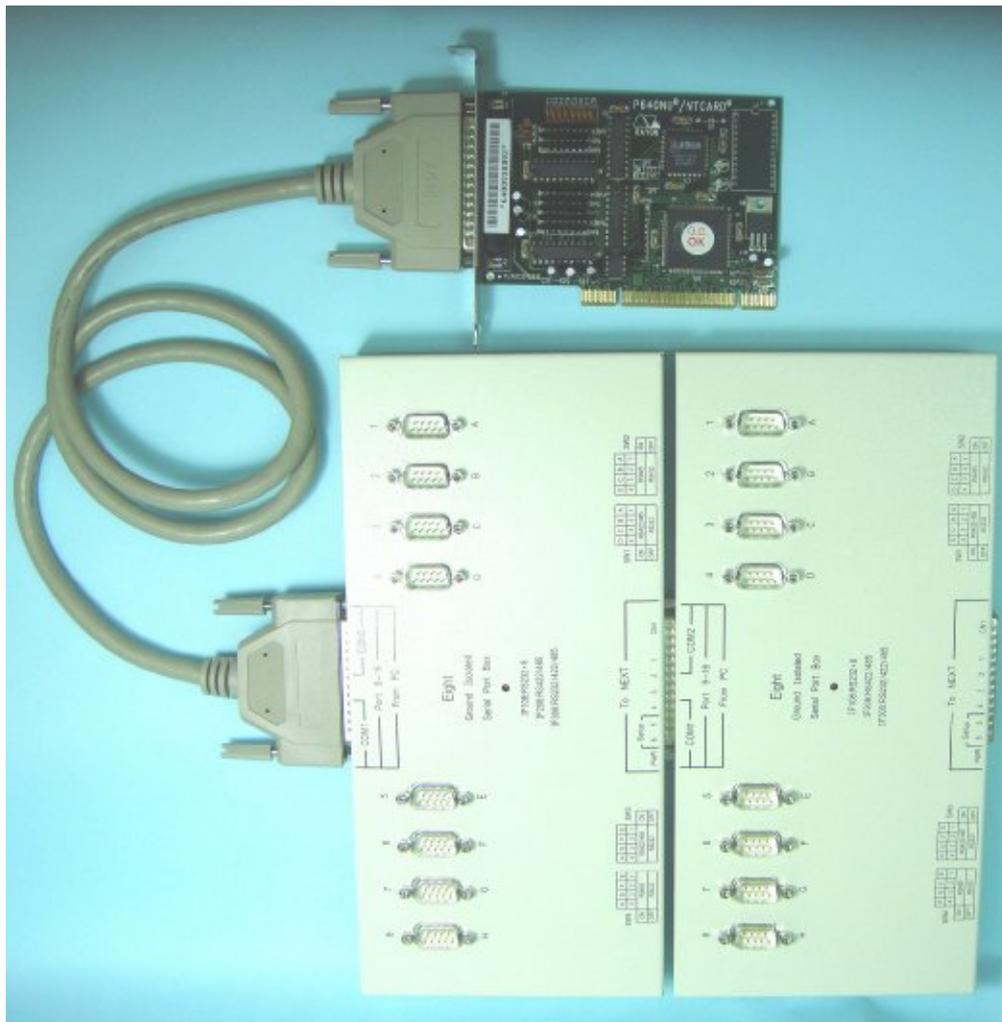# *UP1316I* *Universal PCIPORT card*

Support 8 GROUND Isolated RS232 Ports

Support 8 Isolated RS232/RS422/RS485

Support 5V & 3.3V PCI slot

★ **Support 8GROUND Isolated RS232 and 8 Ground Isolated RS232/RS422/RS485 serial ports in one PCI slot.**

★ **Suitable for RS232 application environment with RS422 and RS485 option.**

★ **Just one IRQ for 16 ports.**

★ **Support DOS 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.**

UP1316I specification:

System structure:

▲P640NU intelligent multi-port card.

▲one IF108 connector box.

▲one IF308 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 IF108 box can support 8 RS232 serial ports and one IF308 box can support 8 RS232/RS422/485 serial ports.

BOX specification.

Interface:：

▲IF108 box: GROUND Isolated RS232 8 ports per box.

▲IF308 box: GROUND Isolated RS232,RS422 or RS485.8 ports per box.

   Note: each port can be set to RS232,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：

▲IF108 box: DB9 male connector.

▲IF308 box: DB9 male connector.

Dimension：

▲card: 5.0 * 3.4 inch.

Environment：

▲operating temperature: 5℃ to 40℃.

▲operating humidity: 10% to 90% RH.

▲storage temperature: 0℃ to 65℃.

▲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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