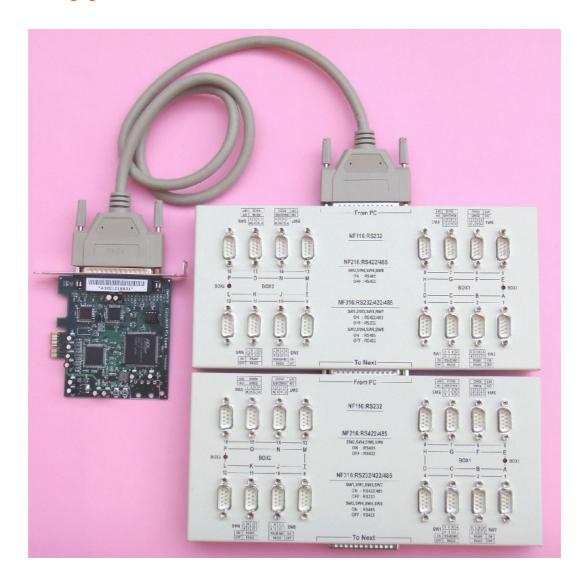
# A2332 Advanced PCIe card

# Support 16 RS422/RS485 Ports

## Support 16 RS232/RS422/RS485 Ports

# **Support PCIe slot**



- ★ Support 16 RS422/RS485 and 16 RS232/RS422/RS485 serial ports in one PCIe slot.
- ★ Suitable for RS422/RS485 application environment with RS232 option.
- ★ Just one IRQ for 32 ports.
- ★ 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.

### A2332 specification:

#### **System structure:**

- ▲A320 intelligent multi-port card.
- **▲**one NF216 connector box.
- **▲**one 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:

▲PCIe bus slot.

#### **Software compatibility:**

- ▲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:

▲A320 card with one NF216 box can support 16 RS422/RS485 serial ports and one NF316 box can support 16 RS232/RS422/485 serial ports.

#### **BOX** specification.

#### Interface: :

▲NF216 box: RS422 or RS485.16 ports per box.

Note: each port can be set to RS422 or RS485 by

DIP switch independently.

▲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.

#### **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:**

▲NF216 box: DB9 male connector. ▲NF316 box: DB9 male connector.

#### **Dimension**:

▲card: 10.0 \* 9.5 cm.

#### **Environment**:

 $\triangle$  operating temperature: 5°C to 40°C.

▲operating humidity: 10% to 90% RH.

**▲** storage temperature:  $0^{\circ}$ C to  $65^{\circ}$ C.

▲ storage humidity: 5% to 90% RH.

### Other relative products.

- ▲ user can use P640NU card in PCI slot 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.



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