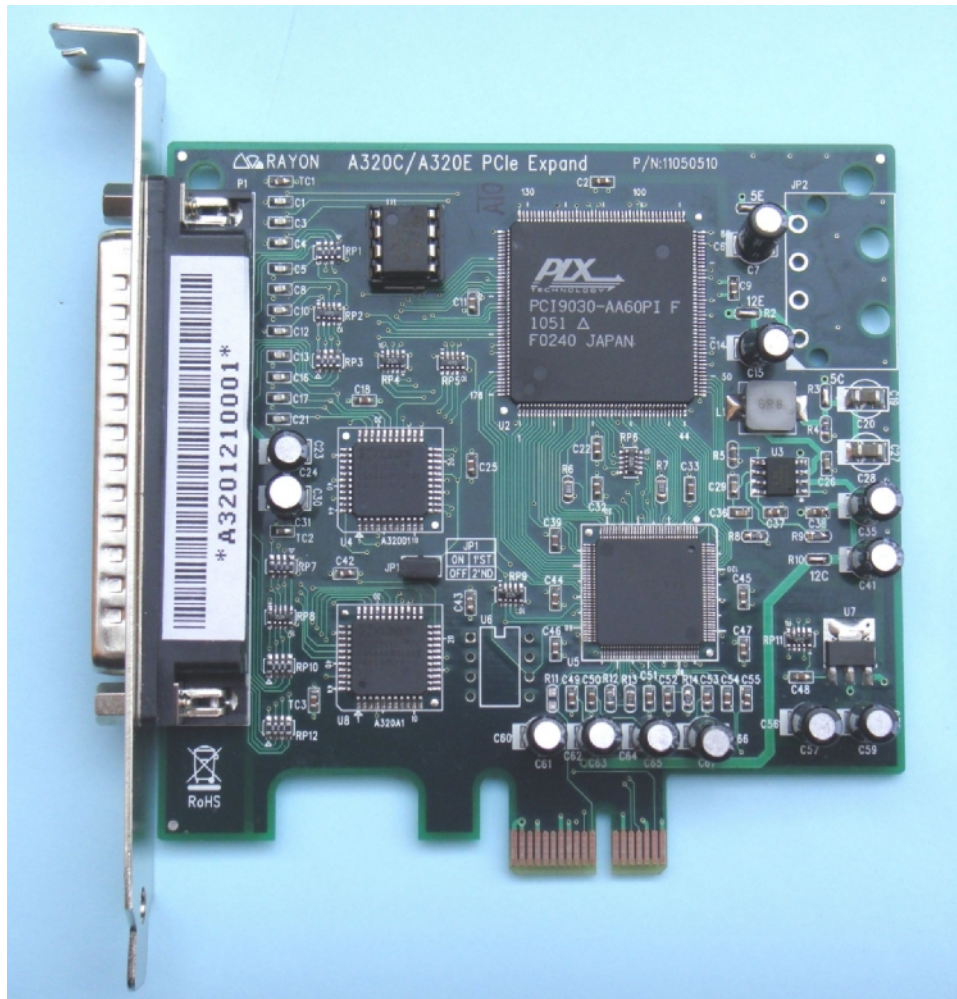


# **A320** *Advanced PCIe card*

## **Intelligent Multiport Card**

Support upto **64 Ports**

Support PCIe slot



- ☆ Support upto **64 serial ports** in one PCI slot.
- ☆ Just one **IRQ for 64 ports**.
- ☆ Support **Windows 95/98/Me** system driver.
- ☆ Support **Windows NT/2000/XP/Vista** system driver.
- ☆ Support **Linux** and **SCO** Openserver System driver.
- ☆ Expand from 8 serial ports to 64 serial ports only need **5 seconds**.

## **A320 specification:**

### System structure

- ▲ A320 intelligent multi-port card.
- ▲ NF116/NF216/NF316 or IF108/IF208/IF308 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

- ▲ PCIe bus slot.

### Software compatibility

- ▲ *WIN 95/98/Me.* (I/O map model only).
- ▲ *Windows NT* system.
- ▲ *Windows 2000/XP/Vista* system.
- ▲ *SCO Openserver.*
- ▲ *Linux system.*

### Port capability

- ▲ Each A320 card can use with NF116/NF216/NF316 or IF108/IF208/IF308 box.
- ▲ each A320 card can support up to 64 serial ports in any combination.

### Interface:

- ▲ 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.
- ▲ IF108 box: GROUND Isolated RS232C compatible.  
8 ports per box.
- ▲ IF208 box: GROUND Isolated RS422/RS485  
settable 8 ports per box.
- ▲ IF308 box: GROUND Isolated  
RS232/RS422/RS485 settable 8 ports per box.

Baud Rate: each port can be configured to  
110~115200bps.

### Flow Control:

- ▲ XON/XOFF software handshake.
- ▲ RTS/CTS hardware handshake.

### Connector type:

- ▲ NF116/NF216/NF316 box: **DB9** male connector.
- ▲ IF108/IF208/IF308 box: **DB9** male connector.

### Dimension

- ▲ card: 10.0 \* 9.5 cm.

### 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 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.

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### **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) or [info@rayontech.com.tw](mailto:info@rayontech.com.tw)

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

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