

# ***IOP3927*** ***X-Port Card*** PCIIOP Series



## ***New Era for Multiport Card***

Powerful : **133MHz** MIPS CPU

Buffer : **16Mbyte** SDRAM

Flexible : **3.3V & 5V** PCI

- ★Support standard **A641**, **R641** or **F641** box. Less Expensive.
- ★Support upto **64** serial ports in one PCI slot. More compact.
- ★Support upto **230400bps** high speed MODEM. More performance.
- ★Support **UNIX** & **Linux** system driver.
- ★Support **Windows NT/2000/XP/2003** system driver.
- ★Expand from **8** serial ports to **64** serial ports only need **5** seconds.
- ★Support surge protector in **TXD/RXD** signal line

## IOP3927 feature :

- Δ built-in 3927 MIPS local processor, a workstation grade 32bit processor, faster and powerful for your system.
- Δ module structure, easy to setup and port expansion. Expand from 8 serial ports to 64 serial ports just need 5 seconds.
- Δ support up to 2 cards per system, 64 ports per card, totally 128 users maximum. suitable for any system power and application configuration. lower initial charge but with optimum cost/performance anytime for you.
- Δ built in 16Mbyte SDRAM. Each port can have 1Mbyte receive buffer and 512Kbyte transmit buffer in one box application.
- Δ support 3.3V & 5V PCI bus slot. Suitable for PC and server application.

## IOP3927 specification :

### System structure

- ★IOP3927 intelligent multi-port card.
- ★A641 multi-port connector box. (IOP3927A model)
- ★R641 multi-port connector box. (IOP3927R model)
- ★F641 multi-port connector box. (IOP3927F model)

### System processor

- ★Type : 3927 MIPS CPU.
- ★Speed:133MHz.

### Hardware compatibility

- ★3.3V & 5V PCI 33 MHz bus slot.

### Software compatibility

- ★SCO UNIX    ★LINUX system.
- ★Windows NT system (IOP3927F only).
- ★Windows 2000 system (IOP3927F only).
- ★Windows XP system (IOP3927F only).
- ★Windows 2003 system (IOP3927F only).

### System memory

- ★16Mbyte SDRAM.
- ★1Mbyte Flash ROM.

### System address mapping

- ★Non-cache dual port RAM in PCI bus.

### Port capability

- ★IOP3927A card can use with A641/A642 box.
- ★IOP3927R card can use with R641/R642 box.
- ★IOP3927F card can use with F641/F642 box.

## BOX specification :

### Interface:

- A641/R641/F641 box: RS232C compatible. ( 8 ports per box )
- A642/R642/F642 box: RS422 compatible. (8 ports per box)

### Baud Rate: IOP3927A:50—38400bps.

IOP3927R:110—76800bps.

IOP3927F:110—230400bps.

Note: the baud rat setting 50bps,75bps,150bps,200bps in UNIX is used for  
57600bps,76800bps,115200bps,230400bps in IOP3927R & IOP3927F model.

### Flow Control:

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

### Connector type:

- A641/R641/F641 box: DB25 male connector. • A642/R642/F642 box: DB25 male connector.

### Dimension

- ★Card: 137 \* 107 mm
- ★Box: 231 \* 89 mm

### Environment

- ★operating temperature:5℃ to 40℃
- ★operating humidity:10% to 90% RH.
- ★storage temperature:5℃ to 40℃
- ★storage humidity:5% to 90% RH.



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