

P1688U

PCI IOP Series

RAS-PRO Card

Intelligent Eight Port Card



New Era for Multiport Card

133MHz-----MIPS CPU
16Mbyte-----local buffer
3.3V & 5V-----Universal PCI
1Mbyte-----receive buffer per port
512Kbyte-----transmit buffer per port

P1688U Feature :

- *Support **eight RS232 port** in one card.
- *Built-in **3927 MIPS** local processor, a workstation grade **32bit** Processor, faster and powerful for your system.
- *Built-in **FIFO** type communication controller.
- *Support 115200 bps and 230400bps baud rate high speed MODEM.
- *Support isolated **RS422 or RS485** interface for each port independently.
- *Support **Windows NT/2000/XP/Vista** System driver.
- *Support **Windows 7** System driver.
- *Support **Linux & SCO UNIX** System driver

P1688U Specification :

System structure :

- * P1688U intelligent PCIOP card.
- * External R801/R804 cable with eight DB25/DB9 connector.
or external R803 cable to RS4232-8 box. (option)

System address mapping :

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

System processor :

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

Hardware compatibility :

- * 3.3V & 5V PCI bus slot.

System memory :

- * 16MByte SDRAM.
- * 1MByte Flash ROM.

Software compatibility :

- * SCO UNIX
- * Linux system.
- * Windows NT system.
- * Windows 2000/XP system.
- * Windows Vista system.
- * Windows 7 system.

Port capability :

- * Number of ports: 8 ports per card.
- * Interface:
 - ▲RS232C: with standard DB62 to eight DB25 connector cable(R801).
 - ▲Ground Isolated RS422/RS485: with R803 cable to external RS4232-8 box. Each port can be assigned to RS422 or RS485. (option)
- * Baud Rate: each port can be configured to 110 - 230400bps.
 - ▲Note: the baud rate setting 50bps,75bps,150bps,200bps in UNIX is used for 57600bps,76800bps,115200bps,230400bps.
- * Flow Control:
 - ▲XON/XOFF software handshake.
 - ▲RTS/CTS hardware handshake.

Dimension :

- * P1688U card: 159 * 109 mm.

Environment :

- * Operating temperature: 0°C to 55°C.
- * Storage temperature: 0°C to 65°C.
- * Operating humidity: 10% to 95% RH.
- * Storage humidity: 5% to 95% RH.

Other relative products.

- * IOP3927 card: intelligent card to support upto 64 ports per card.
- * P584U PCIOP card : universal four RS232 port card.
- * P588U PCIOP card : universal eight RS232 port card.

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