

P1688U

PCIIOP 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/2003** System driver.
- *Support **Linux & SCO UNIX** System driver

| | |
|---|-----------------------------------|
| P1688U Specification : | |
| <u>System structure :</u> | |
| <ul style="list-style-type: none"> * P1688U intelligent PCIIOP card. * External R801/R804 cable with eight DB25/DB9 connector. or external R803 cable to RS4232-8 box. (option) | |
| <u>System address mapping :</u> | <u>System processor :</u> |
| * Non-cache dual port RAM in PCI bus. | * Type: 3927 MIPS CPU. |
| | * Speed: 133MHz. |
| <u>Hardware compatibility :</u> | <u>System memory :</u> |
| * 3.3V & 5V PCI bus slot. | * 16MByte SDRAM. |
| | * 1MByte Flash ROM. |
| <u>Software compatibility :</u> | |
| * SCO UNIX | * Windows 2000 system. |
| * Linux system. | * Windows XP system. |
| * Windows NT system. | * Windows 2003 system. |
| <u>Port capability :</u> | |
| <ul style="list-style-type: none"> * Number of ports: 8 ports per card. * Interface: <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • Note: the baud rate setting 50bps,75bps,150bps,200bps in UNIX is used for 57600bps,76800bps,115200bps,230400bps. * Flow Control: <ul style="list-style-type: none"> • XON/XOFF software handshake. • RTS/CTS hardware handshake. | |
| <u>Dimension :</u> | |
| * P1688U card: 159 * 109 mm. | |
| <u>Environment :</u> | |
| * Operating temperature: 0℃ to 55℃. | * Storage temperature: 0℃ to 65℃. |
| * 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 PCIPORT card: intelligent buffer four port card. |
| *P588U PCIPORT card: intelligent buffer eight port card. |
| ***All names are the trademarks of their respective organization. |

| | |
|--|--|
|  | |
| 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 | |
| WEB: http://www.computex.com.tw/rayon | |
| WEB: http://www.rayontech.com | |