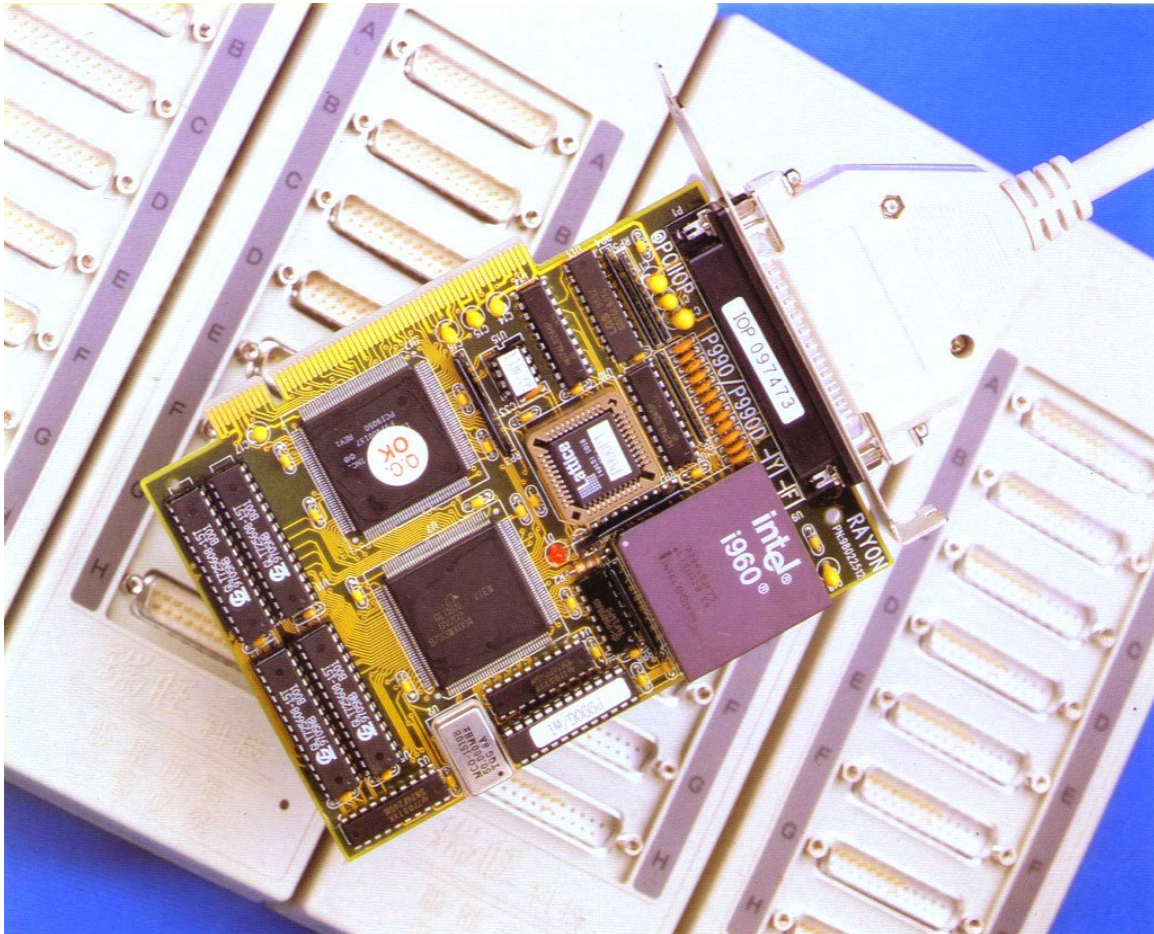


P990

RAS-PRO CARD

Intelligent Multiport Card

50MIPS PERFORMANCE IN WINDOWS NT & UNIX SYSTEM



- ★ built-in Intel 80960 RISC local processor, a workstation grade 32bit.
- ★ Support 57600 bps and 115200bps baud rate high speed MODEM.
- ★ Support upto 64 serial ports in one PCI slot.
- ★ Support TCP/IP,PPP,SLIP capability.
- ★ Support Windows NT & UNIX System driver.
- ★ Support Surge Protector in TXD/RXD signal line.
- ★ Expand from 8 serial ports to 64 serial ports only need 5 seconds.

P990 specification:

System Structure

- *P990 intelligent multi-port card.
- *A641 multi-port connector box.(P990-A model)
- *R641 multi-port connector box.(P990-R model)
- *F641 multi-port connector box.(P990-F model)

System processor

- *P990 model: Intel 80960JF-25 CPU.
- *P990D model: Intel 80960JD-50 CPU.

System memory

- *128KByte cache RAM

Hardware compatibility

- *5V PCI 33MHz bus slot.

Software compatibility

- *SCO UNIX/XENIX
- *AT&T UNIX SYSTEM V
- *Other UNIX/XENIX system.
- * Windows NT system.

System address mapping

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

Port capability

- *each P990 card can use with A641/A642 box. (P990-A model)
- *each P990 card can use with R641/R642 box. (P990-R model)
- *each P990 card can use with F641/F642 box. (P990-F model)
- *each P990 card can support upto 8 boxes in any combination.

BOX specification:

Interface

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

Baud Rate:

- *each port can be configured to 110- 230400bps.
- Note: the baud rate setting
50bps,75bps,150bps in UNIX is used for
57600bps,76800bps,115200bps. For P990-F
model the baud rate setting 200bps in UNIX is
used for 230400bps.

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: 5.5 * 4.25 inch.
- * box: 9.1 * 3.5 inch.

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.

Order information:

- ▲ P990-A card: P990 card with 80960JF-25 CPU, connect with A641/A642 box.
- ▲ P990-R card: P990 card with 80960JF-25 CPU, connect with R641/R642 box.
- ▲ P990-F card: P990 card with 80960JF-25 CPU, connect with F641/F642 box.
- ▲ P990D-A card: P990D card with 80960JD-50 CPU, connect with A641/A642 box.
- ▲ P990D-R card: P990D card with 80960JD-50 CPU, connect with R641/R642 box.
- ▲ P990D-F card: P990D card with 80960JD-50 CPU, connect with F641/F642 box.

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