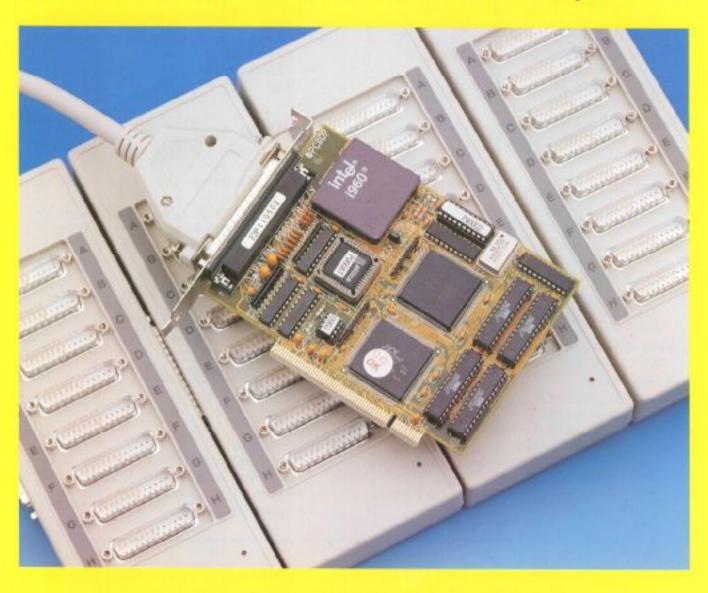# P960 COM-PRO CARD

Intelligent Multiport Card
RISC Performance in
UNIX/XENIX & LINUX System

- PCI bus version of famous A960e and R960 card.
- Support standard A641, R641 or F641 box. Easy way to upgrade from ISA bus environment to PCI bus system.
- Support upto 64 serial ports in one PCI slot.
- Use one jumper to fix TTY device name for each card.
- Support TCP/IP, PPP, SLIP capability.
- Support XENIX System driver in PCI Bus.
- Support Cost free LINUX System driver.
- Expand from 8 serial ports to 64 serial ports only need 5 seconds.

P960 feature:

* built-in Intel 80960 RISC local processor, a workstation grade 32bit processor, faster and powerful for your system.
* module structure, easy to setup and port expansion. expand from 8 serial ports to 64 serial ports just need 5 seconds.
* 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.
* Support Cost free LINUX driver.
* Support SCO XENIX driver in PCI bus slot.
* Support TCP/IP, PPP, SLIP function capability in UNIX system.

P960 specification:

System structure
* P960 intelligent multi-port card.
* A641 multi-port connector box. (P960-A model)
* R641 multi-port connector box. (P960-R model)
* F641 multi-port connector box. (P960-F model)

System processor
* type: Intel 80960KA CPU.
* speed: 20MHz.

System memory
* 128KByte cache RAM.

Hardware compatibility
* 5V PCI 33MHz bus slot.

Software compatibility
* SCO UNIX/XENIX
* AT&T UNIX system V
* LINUX system.
* Other UNIX/XENIX system.
* Windows NT system (P960F only).

System address mapping
* non-cache dual port RAM in PCI bus.

Port capability
* each P960A card can use with A641/A642 box. (P960-A model)
* each P960R card can use with R641/R642 box. (P960-R model)
* each P960F card can use with F641/F642 box. (P960-F model)
* each P960 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 ports per box.
* Baud Rate: P960A: 50 - 38400bps.
  P960R: 110 - 76800bps.
  P960F: 110 - 230400bps.
  Note: the baud rate setting 50bps, 75bps, 150bps, 200bps in UNIX is used for 57600bps, 76800bps, 115200bps, 230400bps in P960R & P960F 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: 5.5 x 4.25 inch.
* box: 9.1 x 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.

Other relative products.
* user can use P960 card with other PCIIOP series cards in the same PC system. Each PC system can install up to 2 PCIIOP series cards.
* P990 card: can have two times performance than P960 card.
* P990D card: can have three times performance than P960 card.

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* All names are the trademarks of their respective organizations.