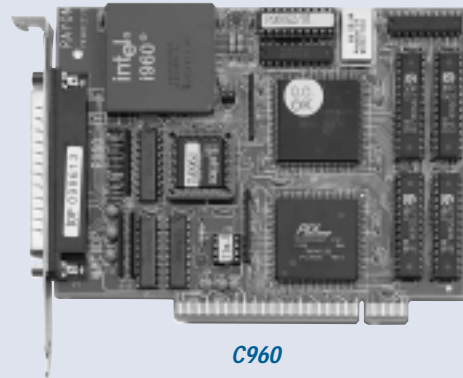


C960/C990/C990D

Intelligent Multi-port Serial Communication Card

Features

- Built-in Intel i960 RISC local CPU, a faster and powerful workstation grade 32-bit processor
- Modular structure, easy to setup and expand ports
- Expand from 8 serial ports to 64 serial ports in just 5 second
- Support up to 2 cards per system, 64 ports per card, total 128 ports max
- Suitable for any system power and application configuration
- Support Windows NT/2000 driver to extend COM ports from 8 to 128
- Support TCP/IP, PPP, SLIP function capability in UNIX system



C960

Specifications

System Processor

- Intel i960JD-50 CPU for C990D
- Intel i960JF-25 CPU for C990
- Intel i960KA-20 CPU for C960

Expansion Box Type

- F641 box: 8-port RS232C with DB25 male connector
- F642 box: 8-port RS422 with DB25 male connector

System Structure

- A system includes one main controller board and at least 1 expansion box
- At most 8 expansion boxes in one controller

Expansion Capability

- One system can install up to 2 cards; one card can connect up to 8 external boxes.

Data Throughput

- 360K Bytes/s for C990D+F641/2
- 240K Bytes/s for C990+ F641/2
- 104K Bytes/s for C960+F641/2

System Memory

- 128K Byte Dual Port SRAM

Connector Type

- DB37 male connector

External Box (F641/F642)

- Interface:
 - RS-232 for F641
 - RS-422 for F642
- Controller:
 - FIFO type ST16C554 for F641/F642
- Baud Rate: Each port can be configured to 110~230,400 bps
- Flow control:
 - XON/XOFF software handshake
 - RTS/CTS hardware handshake
- CONNECTOR
 - DB-25 male connector

Operation System Compatibility

- Windows NT/2000 System
- SCO Unix/XENIX, AT&T Unix System V, Other Unix/ XENIX (the drivers are available upon request)

General Specifications

- Operating temperature: 0°~50°C
- Storage temperature: 0°~65°C
- Humidity: 10~90% RH.
- Power consumption: (typical)
 - +5V@ 1260mA for C990D
 - +5V@ 1170mA for C990
 - +5V@ 1400mA for C960
- Dimensions:
 - 140 mm x 108 mm for C960/ C990 PCI-bus add-on cards
 - 298 mm x 135 mm x 55 mm for F641/F642 expansion module

Ordering Information

C960

Low cost intelligent multi-port communication card.

C990

Normal speed intelligent multi-port communication card.

C990D

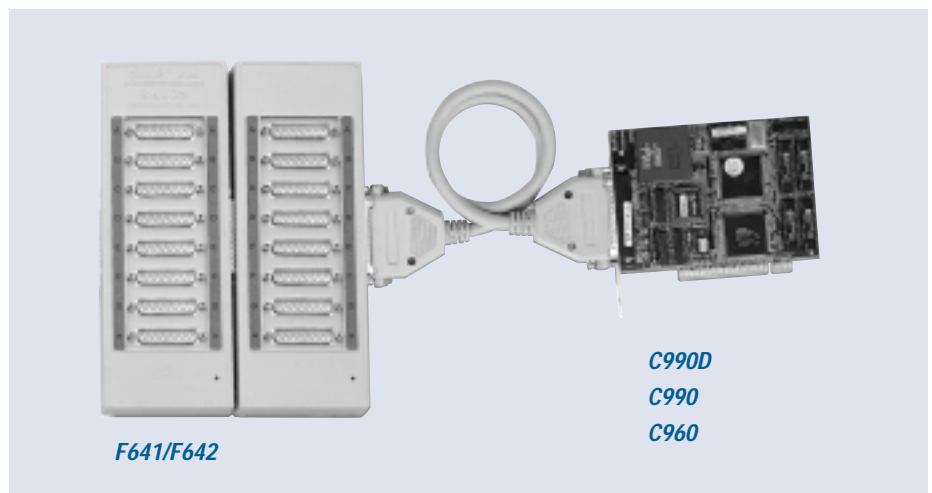
High performance intelligent multi-port communication card.

F641

High Speed 8-port RS-232C expansion Box.

F642

High speed 8-port RS-422 expansion box.



F641/F642

C990D
C990
C960