PCI 2-Port RS-232, RS-422, RS-485 Isolated Serial Interface

Part: 7203 | **Model:** ISO COMM2.PCI

The 7203 PCI serial interface provides two optically isolated serial ports, each individually configurable for RS-232, RS-422, or RS-485. The board is capable of data rates to 460.8K bps and automatically handles RS-485 transmitter enable/disable. The 7203 utilizes 16C850 UARTs to provide 128-byte Tx/Rx FIFOs for maximum reliability in data-intensive applications.

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Features & Specifications
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Features

- Each port individually configurable for RS-232, RS-422, or RS-485
- Optical isolation provides protection against transients and ground loops
- 16C850 buffered UARTs with 128-byte FIFOs
- Data rates to 460.8K bps
- Automatic RS-485 enable/disable
- The PCI adapter includes two DB9M connectors

Specifications

Communications Chip	16C850
Electrical Interface	RS-232, RS-422, RS-485
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	PCI
Max Data Distance	4000 feet
Max Data Rate	460.8K bps
Optically Isolated	Yes
Operating Temperature	0°C to 70°C (32°F to 158°F)
PC Bracket	Standard Height
# of Ports	2
Serial Connector(s)	DB9M
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
UART Series	850 UART