

# 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.

Sealevel's SeaCOM software makes installation and operation easy using Microsoft Windows and Linux operating systems.



## **Features & Specifications**

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

Part: 7203 | Model: ISO COMM2.PCI

#### **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  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 PC Bracket Standard Height  # of Ports 2  Serial Connector(s) DB9M  Storage Temperature -50°C to 105°C (-58°F to 221°F)		
Humidity Range  10 - 90% Relative Humidity, Non-Condensing  PCI  Max Data Distance  4000 feet  4000 feet  460.8K bps  Optically Isolated  Yes  Operating Temperature  PC Bracket  Standard Height  # of Ports  Storage Temperature  -50°C to 105°C (-58°F to 221°F)		16C850
Humidity Range Condensing  Host Interface(s) PCI  Max Data Distance 4000 feet  Max Data Rate 460.8K bps  Optically Isolated Yes  Operating Temperature Standard Height  # of Ports 2  Serial Connector(s) DB9M  Storage Temperature -50°C to 105°C (-58°F to 221°F)	Electrical Interface	RS-232, RS-422, RS-485
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)	Humidity Range	
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)	Host Interface(s)	PCI
Optically Isolated  Operating Temperature  O°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)	Max Data Distance	4000 feet
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)	Max Data Rate	460.8K bps
Temperature  PC Bracket  Standard Height  # of Ports  2  Serial Connector(s)  DB9M  Storage Temperature  -50°C to 105°C (-58°F to 221°F)	Optically Isolated	Yes
# of Ports 2  Serial Connector(s) DB9M  Storage Temperature -50°C to 105°C (-58°F to 221°F)	-	0°C to 70°C (32°F to 158°F)
Serial Connector(s)  Storage Temperature  DB9M  -50°C to 105°C (-58°F to 221°F)	PC Bracket	Standard Height
Storage Temperature -50°C to 105°C (-58°F to 221°F)	# of Ports	2
Temperature -50°C to 105°C (-58°F to 221°F)	Serial Connector(s)	DB9M
UART Series 850 HART		-50°C to 105°C (-58°F to 221°F)
000 0, 11.1	UART Series	850 UART

