3U Compact PCI 2-Port RS-232, RS-422, RS-485 Isolated Serial Interface

Part: 7903 | **Model:** ISO COMM2.cPCI

This product is classified as legacy and is not recommended for new or high volume designs.

Sealevel will support legacy products through technical and warranty support, software drivers and product manuals. Please contact Sales for further information. For new product designs, we recommend the 7203e.

The 7903 is a 3U Compact PCI interface adapter with two isolated serial I/O ports. It provides two field selectable RS-232, RS-422, or RS-485 serial ports supporting data rates up to 921.6K bps. Isolation is important in installations where the equipment connected to the PC is either located far from the host system, or on a different power transformer circuit.

Note: This item has a minimum order quantity (MOQ) of 25 units. Please contact your sales representative with any questions.

Features & Specifications

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Features

- Hot Swap compliant (PICMG 2.1 Rev. 3.0)
- PCI bus 2.2 compliant
- Automatic RS-485 Enable and Disable
- Supports data rates up to 921.6K bps
- 16850 buffered UART standard
- Universal 3.3 and 5V compatible
- Full RS-232 control signals supported

Specifications

Communications Chip	16C850
Electrical Interface	RS-232, RS-422, RS-485
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	Compact PCI
Max Data Distance	4000 feet
Max Data Rate	921.6K bps
Optically Isolated	Yes
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	2
Serial Connector(s)	DB9M
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
UART Series	850 UART