



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

Part: 7901 | Model: COMM+2.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 7205e.

The 7901 is a 3U compact PCI serial interface that provides two RS-232, RS-422, or RS-485 serial ports for demanding automation and control applications. Each port can be field configured to RS-232, RS-422, or RS-485 for maximum flexibility. Our revolutionary Automatic RS-485 Enable circuit is included onboard to simplify multidrop network connections. 16C850 UARTs with deep 128-byte FIFOs are standard to reduce system overhead, even at high speeds.

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

Features & Specifications

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

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Features

- Two port field selectable RS-232, RS-422, or RS-485 interface
- Automatic RS-485 Enable and Disable
- Hot Swap compliant (PICMG 2.1 Rev. 3.0)
- PCI bus 2.2 compliant
- Universal 3.3 and 5V compatible
- Full RS-232 control signals supported
- 16850 buffered UART with 128-byte FIFO

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	460.8K bps
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