



# 3U Compact PCI 4-Port RS-232, RS-422, RS-485 Serial Interface

Part: 7904 | Model: COMM+4.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 7404e.

The 7904 is a 3U compact PCI serial interface that provides four 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. 16C864 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 4-Port RS-232, RS-422, RS-485 Serial Interface

**Part:** 7904 | **Model:** COMM+4.cPCI

#### Features

- Four-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

#### Specifications

<b>Communications Chip</b>	16C864
<b>Electrical Interface</b>	RS-232, RS-422, RS-485
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Host Interface(s)</b>	Compact PCI
<b>Max Data Distance</b>	4000 feet
<b>Max Data Rate</b>	460.8K bps
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b># of Ports</b>	4
<b>Serial Connector(s)</b>	DB9M
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)
<b>UART Series</b>	850 UART