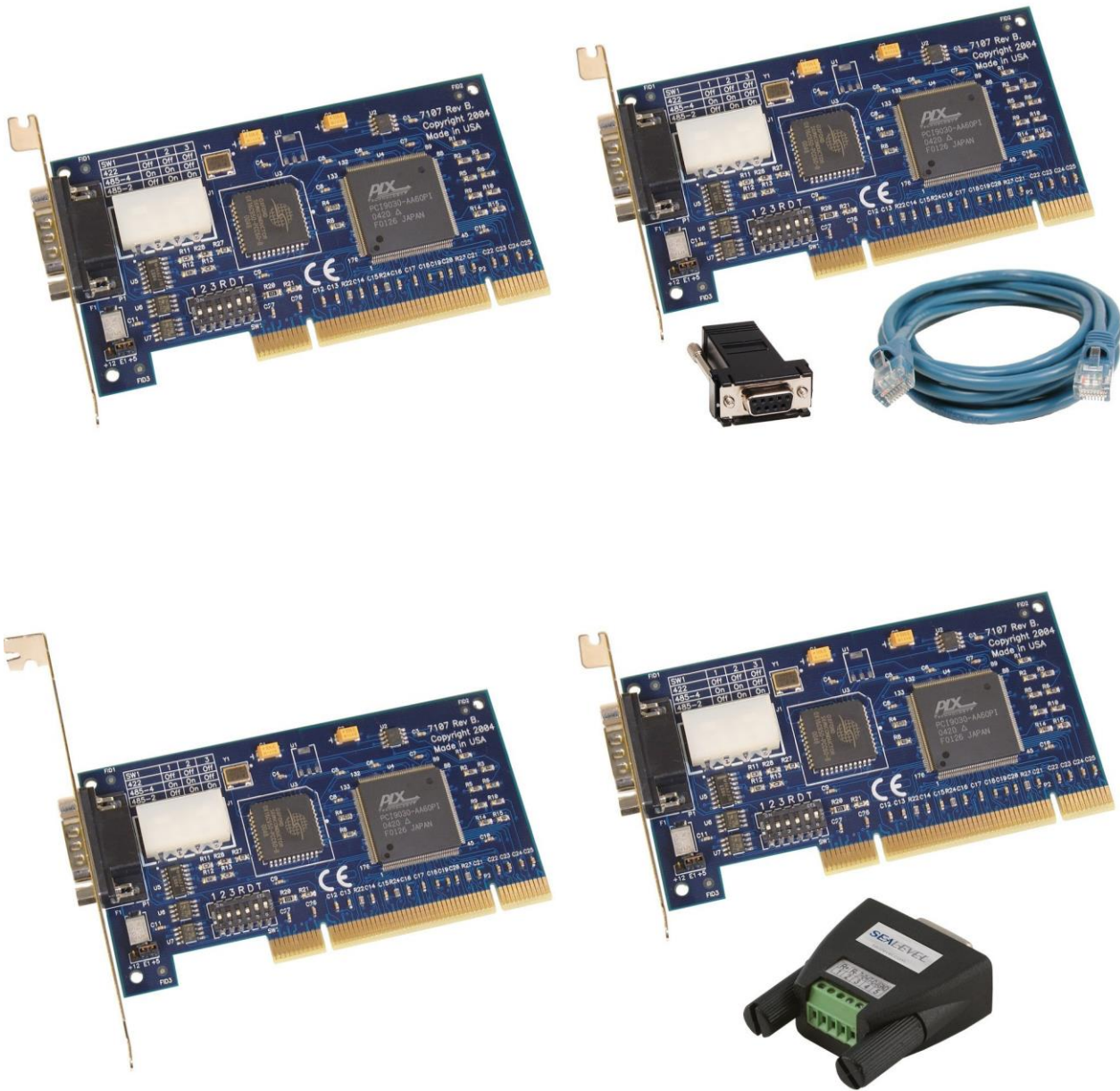


# Low Profile PCI 1-Port RS-422, RS-485 Serial Interface



**Part:** 7107 **Model:** SIO-485.LPCI

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## Description

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**THIS PRODUCT IS OBSOLETE DUE TO LACK OF COMPONENT AVAILABILITY. PLEASE CONTACT YOUR SALES REPRESENTATIVE FOR FURTHER INFORMATION AND OTHER PRODUCT ALTERNATIVES.**

The 7107 Low Profile PCI serial interface provides one serial port configurable for RS-422 or RS-485 and is capable of data rates to 921.6K bps. The 7107 utilizes an Oxford 16C950 UART to provide 128-byte Tx/Rx FIFOs, for maximum reliability in data-intensive applications, and supports 9-bit protocols and isochronous mode.

The 7107 includes an onboard connector that routes power from the host internal supply through the DB-9M connector on pin 9. This allows easy connection of +5VDC or +12VDC to peripherals including RS-485 SeaI/O modules, RS-422 and RS-485 POS (Point of Sale) systems, or other real-world devices.

The Sealevel SeaCOM software driver and utilities make installation and operation easy using Microsoft Windows or Linux operating systems.

The optional RS-485 terminal block kit includes a TB34 terminal block that simplifies RS-422 and RS-485 field wiring. The TB34 terminal block adapter includes a DB9 female connector and five screw terminals.

The optional SeaI/O (Modbus RTU) Interface Kit provides everything necessary to get started with Sealevel SeaI/O RS-485 Modbus/RTU communications. Simply install the driver and 7107 in the host computer and attach +12V power from the host power supply to the onboard connector. Using the included adapter and cabling, you can easily connect SeaI/O M-series modules to the host computer. The interface kit includes:

- **DB112** DB9F to RJ45 modular adapter that provides RS-485 and power lines compatible with SeaI/O M-series modules.
- **CA247** 10' CAT5 patch cable for attaching SeaI/O modules to the host computer.

Category: One Port

## Additional information

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<b>Communications Chip</b>	16C950
<b>Electrical Interface</b>	RS-422, RS-485
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Host Interface(s)</b>	PCI
<b>Max Data Distance</b>	4000 feet
<b>Max Data Rate</b>	921.6K bps
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b>PC Bracket</b>	Low Profile
<b># of Ports</b>	1
<b>Serial Connector(s)</b>	DB9M
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)
<b>UART Series</b>	950 UART

Configurable for RS-422 or RS-485

MD1 Low Profile and Universal Bus (3.3V and 5V) compatible

Onboard connector accepts +5/+12VDC from standard PC power supply hard drive or floppy connector

+5/+12VDC passed through on pin 9 and fused at 1A

Oxford 16C950 buffered UART with 128-byte FIFOs

Supports 9 bit protocols and isochronous mode

Data rates to 921.6K bps

Supported in Microsoft Windows 95/98/ME/NT/2000/XP and Linux  
DB-9M connector