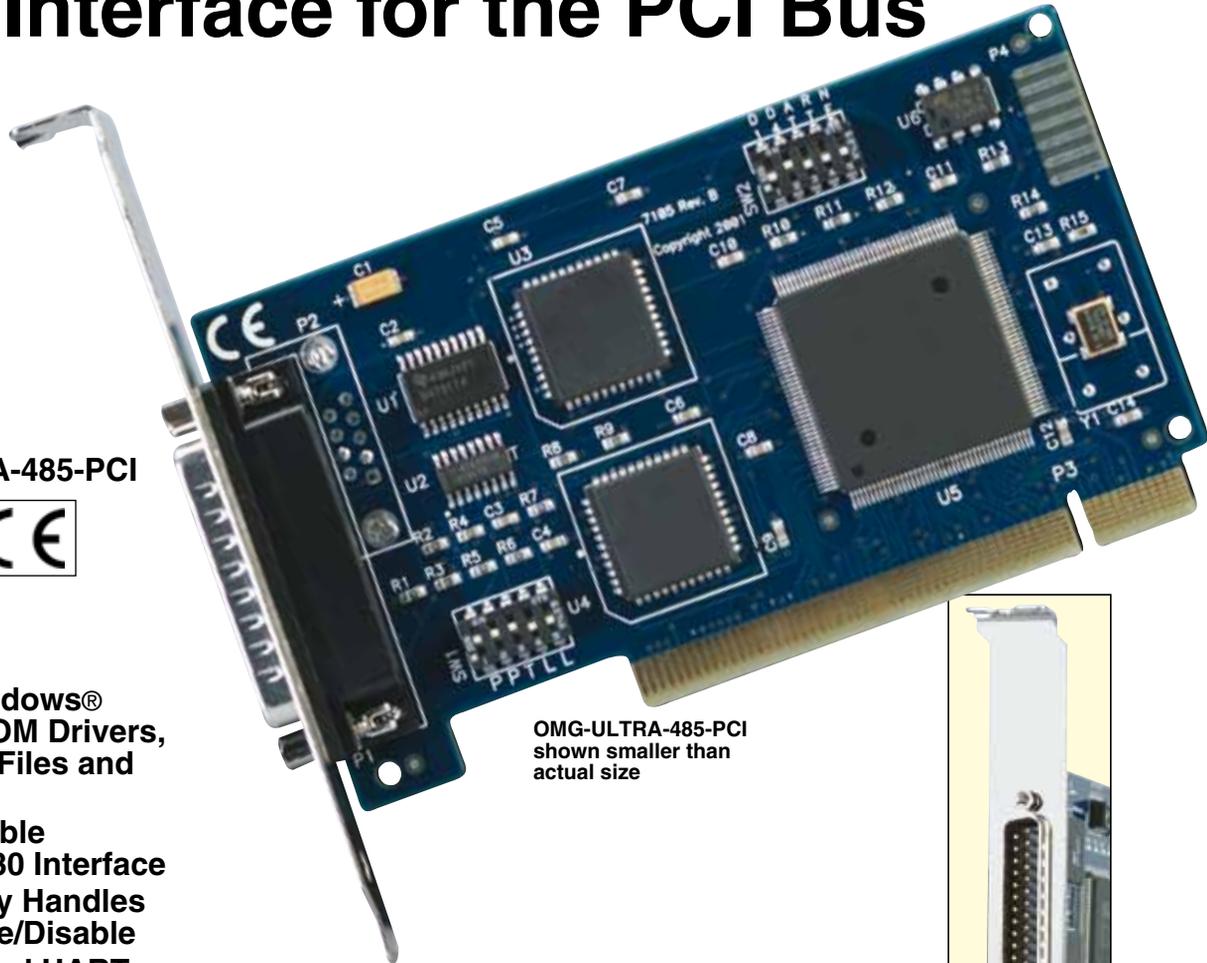
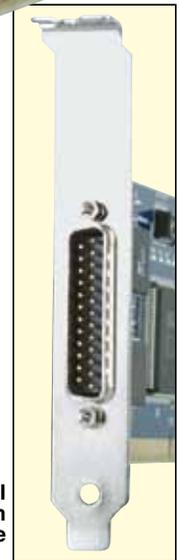


# Single Channel RS422/485/530 Serial Interface for the PCI Bus

OMG-ULTRA-485-PCI



OMG-ULTRA-485-PCI shown smaller than actual size



OMG-ULTRA-485-PCI end view, shown smaller than actual size

- ✓ Includes Windows® Advanced COM Drivers, Utilities, INF Files and Help Files
- ✓ Field Selectable RS422/485/530 Interface
- ✓ Automatically Handles RS485 Enable/Disable
- ✓ 16850 Buffered UART
- ✓ 128 Byte FIFO
- ✓ Supports PC Data Rates up to 460.8K bps
- ✓ Compatible with Windows XP/Vista/7

In RS485 mode, the special auto-enable feature allows the RS485 port to be viewed by the operating system as a COM port. This allows the standard COM driver to be utilized for RS485 communications. The on-board hardware automatically handles the RS485 driver enable.

## Specifications

**Number of Ports:** Single RS422/485/530

**Communications Chip:** 16850 UART

**Maximum Data Rate:** 460.8K bps

**Maximum Data Distance:** up to 1200 m (4000')

**Operating Temperature:** 0 to 50°C (32 to 158°F)

**Humidity:** 10 to 90% RH non-condensing

**Storage Temperature:** -20 to 70°C (-4 to 158°F)

**Dimensions:** 7.1 H x 12.5 cm L (2.8 x 4.9")

**Connector:** DB25M

The OMG-ULTRA-485-PCI is a single channel PCI bus serial I/O adaptor. It provides one field selectable RS422/485/530 serial port supporting asynchronous data rates up to 460.8K bps.

The OMG-ULTRA-485-PCI utilizes the 16850 UART communications chip which features programmable baud rates, data format, interrupt control and 128 byte FIFO.

Choose the RS422 mode for long distance device connections up to 4000 feet where noise immunity and high data integrity are essential. Select RS485 and capture data from multiple peripherals in an RS485 multi-drop network. Up to 31 RS485 devices can be connected to each port to automate your data collection.

## To Order

Model Number	Description
OMG-ULTRA-485-PCI	Single channel RS422/485/530 serial interface for the PCI bus