



# Single Channel RS-422/485/530 Serial Interface for the PCI Bus OMG-ULTRA-485-PCI

**\$159**  
Basic Unit

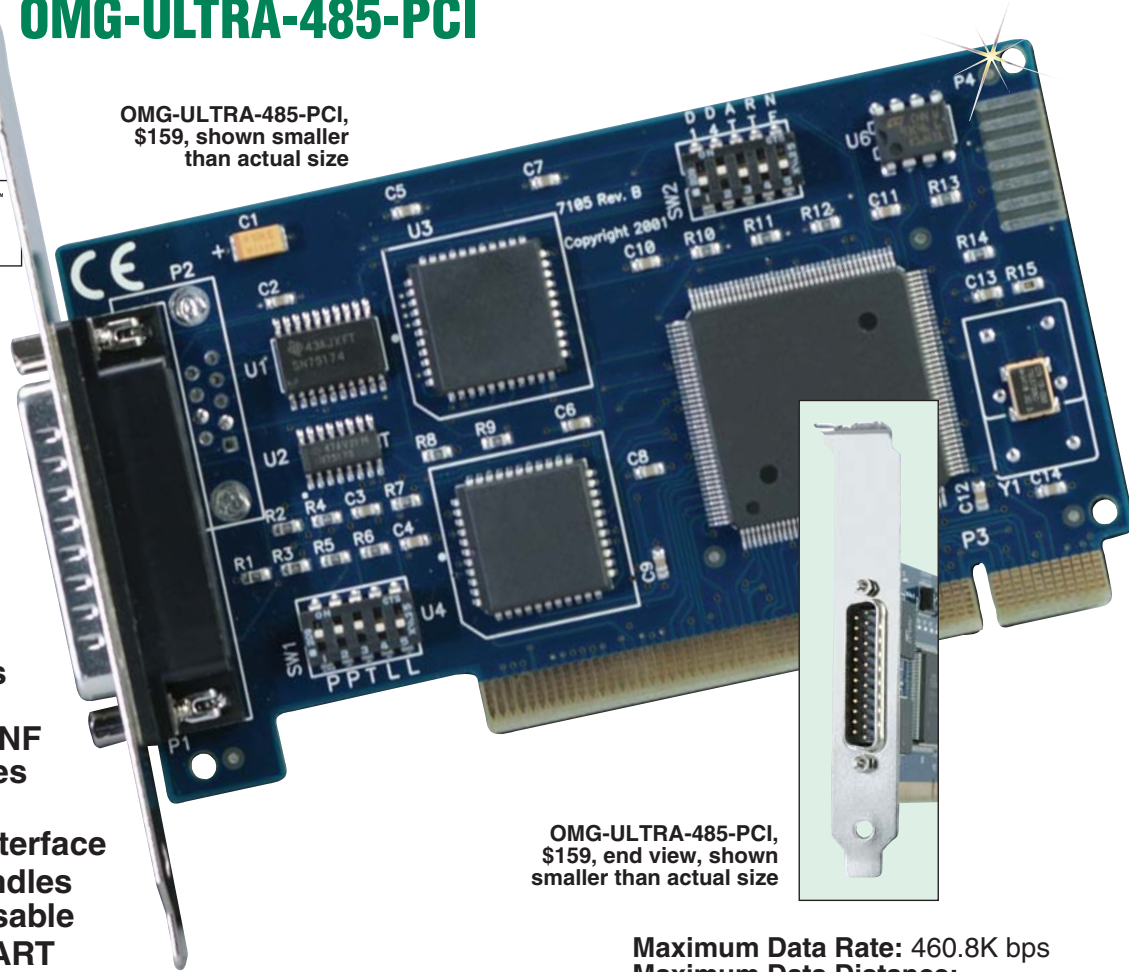


- ✓ Includes Windows Advanced COM Drivers, Utilities, INF Files and Help Files
- ✓ Field Selectable RS-422/485/530 Interface
- ✓ Automatically Handles RS-485 Enable/Disable
- ✓ 16850 Buffered UART
- ✓ 128 Byte FIFO
- ✓ Supports PC Data Rates up to 460.8K bps

The OMG-ULTRA-485-PCI is a single channel PCI bus serial I/O adaptor. It provides one field selectable RS-422/485/530 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 RS-422 mode for long distance device connections up to 4000 feet where noise immunity and high data integrity are essential. Select RS-485 and capture data from multiple peripherals in an RS-485 multi-drop network. Up to 31 RS-485 devices can be connected to each port to automate your data collection.

OMG-ULTRA-485-PCI, \$159, shown smaller than actual size



OMG-ULTRA-485-PCI, \$159, end view, shown smaller than actual size

In RS-485 mode, the special auto-enable feature allows the RS-485 port to be viewed by the operating system as a COM port. This allows the standard COM driver to be utilized for RS-485 communications. The on-board hardware automatically handles the RS-485 driver enable.

### Specifications

**Number of Ports:** Single  
RS-422/485/530  
**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

OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners

**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)		
Model Number	Price	Description
OMG-ULTRA-485-PCI	\$159	Single channel RS-422/485/530 serial interface for the PCI bus
CS-3793	72	Fortran 90/95 for Scientists & Engineers

Each unit supplied with complete operator's manual.  
**Ordering Example:** OMG-ULTRA-485-PCI single channel RS-422/485/530 serial interface for the PCI bus and OMEGACARE<sup>SM</sup> 1 year extended warranty for the OMG-ULTRA-485-PCI (adds 1 year to standard 1 year warranty), \$159 + 25 = **\$184.**

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