

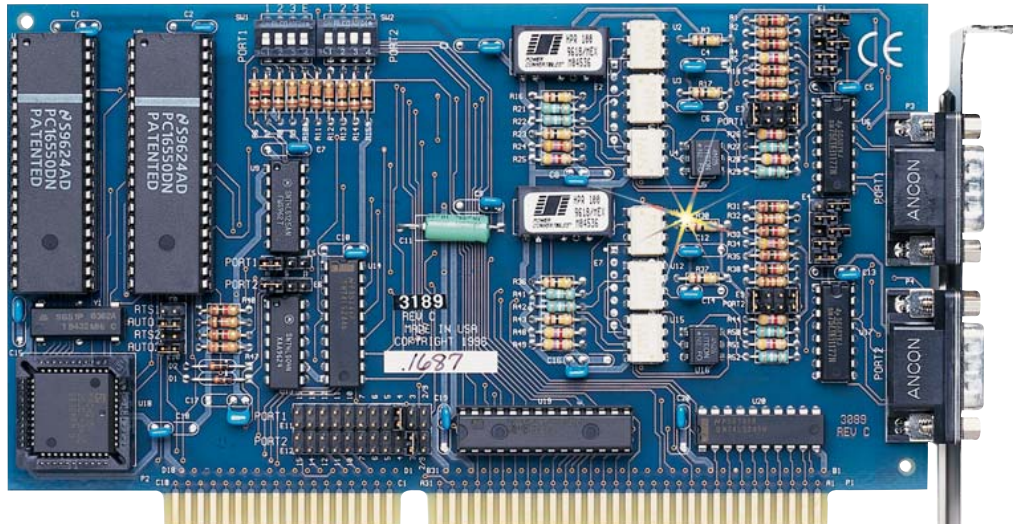
# OMG-ULTRA-SIO

## Dual Port Isolated/Non Isolated ISA RS-422/485 Adapter for DOS, Windows 3.1x/95/98/ME/NT/2000/XP and OS/2 Communications

**\$219**  
Basic Model



- ✓ True Isolation Between Ports Providing 500 Vdc Isolation (OMG-ULTRA-SIO-I)
- ✓ Automatic Control of RS-485 Driver Enable (No Special Software Required)
- ✓ Selectable COM: Port Address
- ✓ Selectable and Sharable IRQ (2-7, 10-12, 14 and 15)
- ✓ Compatible with Existing Communication Drivers
- ✓ 16-Bit Addressing Eliminates I/O Conflicts
- ✓ 16550 Buffered UART Standard/Full Array of Advanced UARTS Available
- ✓ Selectable Termination, Echo Mode, Two/Four Wire Operation
- ✓ DB-9P Connectors Providing TD, RD, RTS and CTS
- ✓ Includes DOS Utilities, Windows Advanced COM Drivers and Help Files to Simplify Installation



OMG-ULTRA-SIO, \$219, shown smaller than actual size

The optical isolation feature of the OMG-ULTRA-SIO-I eliminates the risk of ground loop current, a commonly neglected and misunderstood phenomenon which leads to data errors and destruction of communications equipment. Individually selectable addresses and extended "AT" interrupts allow for seamless integration into Windows and OS/2 systems. The OMG-ULTRA-SIO appears to the host system as a standard COM: port requiring no special drivers or additional software.

### Software

WIN 95/98/ME/NT/2000/XP drivers are included as well as support for Linux, QNX and DOS. The drivers provide IRQ sharing, advanced UART support and serial diagnostic utilities.

### Specifications

#### Communications Chip:

16550 UART

#### Number of Ports:

Dual RS-485/422

**Isolation:** True 500 Vdc isolation (OMG-ULTRA-SIO-I only)

**Max. Data Rate:** 115 kbps

**Max. Data Distance:** Up to 5000'

**RS-485 Operation:** Two or four wire

**Operating Temperature:**

0 to 122°F (-18 to 50°C)

**Storage Temperature:**

-4 to 158°F (-20 to 70°C)

**Humidity Range:** 10 to 90% RH

**Current Specifications:**

OMG-ULTRA-SIO; +5 V @ 440 mA:

OMG-ULTRA-SIO-I; ±5 V @ 600 mA

**Connector(s):** (2) DB-9P

**Physical Dimensions:**

7.35 L x 4.2" H (18.67 x 10.67 cm)

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

The OMG-ULTRA-SIO provides the PC with two isolated RS-422/485 Asynchronous links to data collection and other devices. Isolation is important in installations where the equipment connected to the PC is either located far from the host system, or on a different power transformer circuit.

### To Order (Specify Model Number)

Model Number	Price	Description
OMG-ULTRA-SIO	\$219	Dual port non-isolated RS-422/485 interface
OMG-ULTRA-SIO-I	289	Dual port isolated RS-422/485 interface

Comes with complete operator's manual and serial utility disk.

**Ordering Example:** OMG-ULTRA-SIO-I dual port isolated RS-422/485 interface and OMEGACARE<sup>SM</sup> 1-year extended warranty (adds 1 year to standard 1 year warranty), \$289 + 28 = \$317.

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