Dual Port RS232/422/485 Interface with Extended “AT” Interrupts

For IBM PC/XT/AT and Compatibles

TRODEKS®

OMG-COMM2-EX

1 YEAR WARRANTY

OMG-COMM2-EX shown smaller than actual size.

- **Two Independent RS232/422/485 Interfaces**
- **Reliable Communication up to 1.5 km (5000')**
- **IBM Compatible Serial Port with Speeds to 115,200 Baud**
- **Selectable Address (Including COM1 through COM4) or any Other Address up to 3FF hex**
- **Individually Selectable Interrupts 2-5, 10-12, and 15 on the “AT”**
- **2 or 4 Wire RS422 Operation**
- **dB-9 Male Shielded Connectors**
- **16550 Buffered UARTs Included**
- **Driver Software Included**

The OMG-COMM2-EX is a PC bus plug-in card based on the 16550 FIFO buffered UART, which is compatible with the standard 8250. This dual channel asynchronous serial communication card utilizes balanced differential drivers and receivers to provide RS422 and RS485 communication. Selectable and sharable extended “AT” interrupts for each port increase the OMG-COMM2-EX versatility. Distances of 1.5 km (5000') in noisy industrial environments are easily accommodated. The OMG-COMM2-EX is also capable of RS232 for applications requiring shorter distances and RS232 compatibility. Signals are transmitted and received via two 9-pin sub-D connectors. Bit character lengths of 5, 6, 7 or 8, and odd, even or no parity are all available.

WIN XP/Vista/7 drivers are included as well as support for Linux. The drivers provide IRQ sharing, advanced UART support and serial diagnostic utilities.

Specifications
Communications Chip: 16550 UART
Number of Ports: dual RS-232/422/485
Max. Data Rate: 115K bps (RS422/485)
Max. Data Distance: Up to 1.5 km (5000')
RS485 Operation: Two or four wire
Operating Ambient: 0 to 50˚C (32 to 122°F); 0 to 90% RH
Storage Temperature: -20 to 70˚C (-4 to 158°F)
Current: +5V @ 195 mA, ±12V @ 25 mA ea.
Connector(s): DB-9
Slot: 16-bit card, ¾ size slot
I/O Connector: Two independent 9-pin sub-D male

To Order

Model No.	Description
OMG-COMM2-EX	2-port RS232/422/485 interface with extended “AT” interrupts