Dual Port RS-232/422/485 Interface with Extended "AT" Interrupts
For IBM PC/XT/AT and Compatibles

SERIAL I/O **IBM PC** CE

1 YEAR WARRANTY **MADE IN USA**

Model OMG-COMM2-EX

$199

- ✔ **Two Independent RS-232/422/485 Interfaces**
- ✔ **Reliable Communication up to 5000 Feet (1.5 km)**
- ✔ **IBM Compatible Serial Port with Speeds to 115,200 Baud**
- ✔ **Selectable Address (Including COM1 through COM4) or Any Other Address up to 3FF hex**
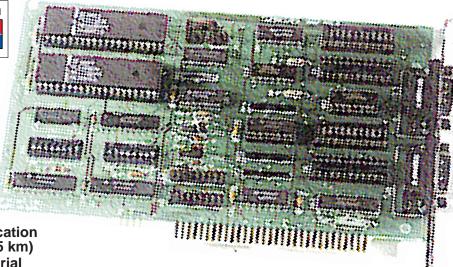- ✔ **Individually Selectable Interrupts 2-5, 10-12, and 15 on the "AT"**
- ✔ **2 or 4 Wire RS-422 Operation**
- ✔ **dB-9 Male Shielded Connectors**
- ✔ **16550 Buffered UARTs Included**
- ✔ **Driver Software Included**

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 RS-422 and RS-485 communication. Selectable and sharable extended "AT" interrupts for each port increase the OMG-COMM2-EX versatility. Distances of 5000 ft. in noisy industrial environments are easily accommodated. The OMG-COMM2-EX is also capable of RS-232 for applications requiring shorter distances and RS-232 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.

For those users creating their own DOS based programs, the OMG-COMM2-EX includes a serial communication software driver which provides fully buffered interrupt driven input and output to multiple asynchronous serial communication ports. The driver is a BIOS extension and/or replacement that provides extended capabilities in the form of block I/O and user configurable flow control support in addition to emulating standard BIOS interrupt 14h calls. The Driver supports C, C++ and BASIC.

Specifications

Communications Chip: 16550 UART

Number of Ports: dual RS-232/422/485

Max. Data Rate: 115K bps (RS-422/485)

Max. Data Distance: Up to 5000 ft

RS-485 Operation: Two or four wire

Operating Ambient: 0 to 50°C; 0 to 90% RH

Storage Temperature: -20 to 70°C

Current: +5 V @ 195 mA, ±12 V @ 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 *(Specify Model Number)*		
Model No.	**Price**	**Description**
OMG-COMM2-EX	$199	2-port RS-232/422/485 interface with extended "AT" interrupts

Comes complete with operator's manual and software driver.
Ordering Example: *OMG-COMM2-EX 2-port RS-232 interface, **$199**.*

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