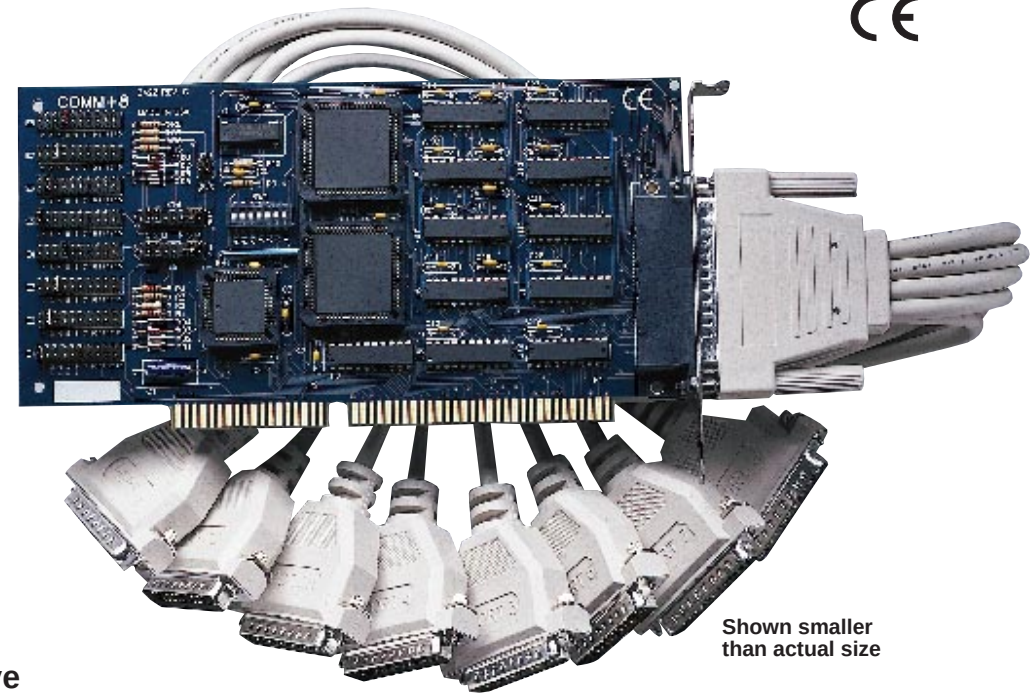
# 8 Port ISA RS-232 Serial Interface with Extended “AT” Interrupts

1 YEAR WARRANTY

MADE IN USA

**Model**
**OMG-COMM8-A**
**$439**




**Shown smaller than actual size**

- **Eight Port RS-232 Interface**
- **All Modem Control Signals Implemented**
- **On Board Interrupt Status Port for Greater Throughput**
- **Occupies 64 Consecutive I/O Locations User Selectable as: Consecutive with DIP-Switch or Customizable with PAL Option**
- **Sharable IRQ Level (2-5, 7, 10-12, and 15)**
- **16654 Buffered UART Standard**
- **Compatible with DOS, Windows 3.1x/95/NT, QNX, and Other Operating Systems**
- **Includes Software for DOS Interrupt Buffering**
- **Windows NT Installation Utility for Simple Set-up**

The OMG-COMM8-A provides the PC with eight RS-232 Asynchronous ports for terminals, data collection and other devices. This product includes extended “AT” interrupts, extended address range for UNIX, XENIX and QNX compatibility, and an interrupt status port for greater data throughput. Set each port to a separate interrupt or share a single interrupt across multiple ports under Windows NT.

A serial utility diskette is supplied with the OMG-COMM8-A which includes all the Windows and DOS tools necessary to verify the installation and operation of the board. Windows utilities include .INF files for Windows installation and also a Windows NT COM: Port Installation Utility. DOS utilities include a diagnostic program to verify card address and examine the UART, a diagnostic serial loopback test program and an interrupt driven DOS serial port 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:** 16654 UART

**Number of Ports:** Eight RS-232

**Max. Data Rate:**
OMG-COMM8-A: 460.8k bps (depends on distance)

**Max. Data Distance:** Up to 50ft.

**Operating Temperature:**
0 to 122°F (0 to 50°C)

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

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

**Current Specifications:**
+5V @ 170mA, ±12V @ 25mA ea

**Connector(s):**
On board DB-78 to (8) DB-25P; DB-9P connectors optional

**Physical Dimensions:**
13.3" L x 4.2" H (33.78 x 10.66 cm)

To Order *(Specify Model Number)*

| Model No. | Price | Description |
|---|---|---|
| **OMG-COMM8-A** | **$439** | Eight port RS-232 interface |
| **OMG-HICOM/9** | **99** | Driver software for up to 9 Windows 3.1x ports |

*Comes with complete operator’s manual, octopus cable and serial utility disk.*
***Ordering Example:*** *OMG-COMM8-A, eight port RS-232 interface,* ***$439.***