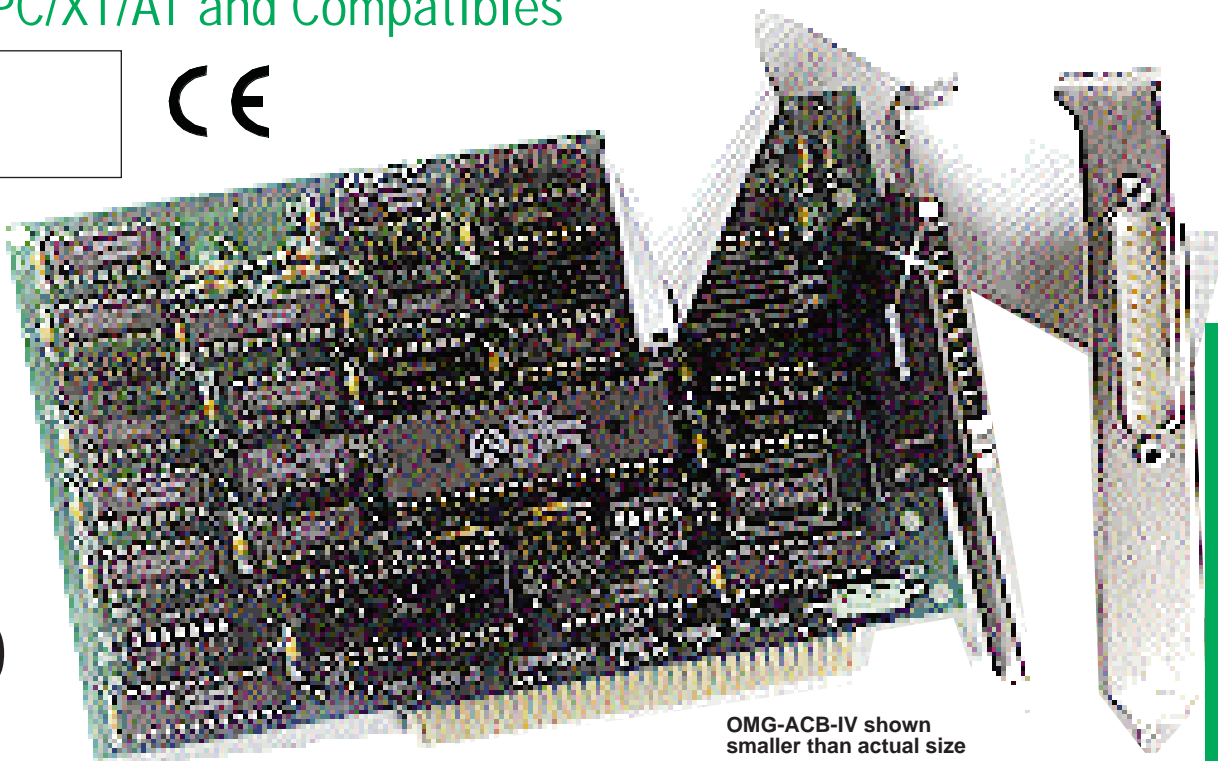
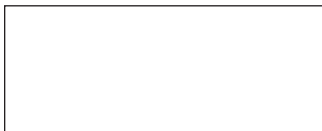


# Synchronous/Asynchronous RS-232/422/485/530 Interfaces

For IBM PC/XT/AT and Compatibles



OMG-ACB  
Series  
**\$299**  
Basic Unit

OMG-ACB-IV shown smaller than actual size

- ✓ **Single and Dual Channel Interfaces**
- ✓ **Reliable Communication up to 5000 Feet (1.5 km)**
- ✓ **IBM Compatible Serial Port with Speeds to 1 Million BPS**
- ✓ **Selectable Address**
- ✓ **Individually Selectable Interrupts 3–5 and DMA Channel 1–3**
- ✓ **2 or 4-Wire RS-422 Operation**
- ✓ **DB-25 Male Shielded Connectors**
- ✓ **Driver Software Examples Provided**

The OMG-ACB Series provides the PC-based system with single/dual high-speed synchronous/asynchronous links to instruments requiring extremely fast data flow. The RS-422 communications standard allows the OMG-ACB to communicate reliably at high speeds under harsh conditions,

which makes it an ideal solution for industrial environments. Line noise, present in industrial environments, is eliminated over the RS-422 line. By utilizing RS-422, factory applications requiring long distance communications operate with high data integrity. Signals are transmitted and received via 25-pin sub-D connector(s). The OMG-ACB-II is also capable of RS-232 for applications requiring shorter distances and RS-232 compatibility.

Balanced differential drivers and receivers are utilized to provide RS-422 and RS-485 communications. Selectable interrupts (IRQ levels) increases the card's versatility. Distances of 5000 ft in noisy industrial environments are easily accommodated with the OMG-ACB.

## Specifications

### Serial Communications

**Controller:** 8530-6

**Protocols Supported:** X.25, SDLC, HDLC, MONOSYNC, BISYNC, and high speed ASYNC

**Ports:** OMG-ACB-II: single RS-232/422/485; OMG-ACB-IV: dual RS-422/485/530

**Max Data Rate:** 1.2288 Mbps

**Max Data Distance:** 5000 ft @ 9600 bps

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

**Connectors:** 25-pin sub-D

**Operating Ambient:** -0 to 50°C (32 to 122°F); 0 to 90% RH

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

**Power:** OMG-ACB-II: +5 V @ 275 mA, ±12 V @ 50 mA each; OMG-ACB-IV: +5 V @ 710 mA

### To Order (*Specify Model Number*)

| Model No.  | Price | Description                                     |
|------------|-------|---|
| OMG-ACB-II | \$299 | Single port high speed RS-232/422/485 interface |
| OMG-ACB-IV | 319   | Dual port high speed RS-422/485/530 interface   |

*Comes complete with operator's manual.*

**Ordering Example:** OMG-ACB-IV dual-port high speed RS-232/422/485 interface, \$319.