

# OMG-ACB Synchronous/Asynchronous RS-232/422/485/530 Interfaces For IBM PC/XT/AT and Compatibles

TRODEKS®

**\$199**  
Basic Unit



IBM PC



SERIAL I/O

- ✓ **Single and Dual Channel Interfaces**
- ✓ **Reliable Communication up to 5000 Feet (1.5 km)**
- ✓ **OEM Security Feature for Software Protection (OMG-ACB-II)**
- ✓ **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**
- ✓ **WIN 95/98/ME/NT/2000/XP HDLC/SDLC Drivers, Applications, and Sample Source Code Included**

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.



OMG-ACB-IV, \$199, shown smaller than actual size

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:** 85230-8

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

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

**Max Data Rate:** 1.2288 Mbps

**Max Data Distance:** 5000' @ 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

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
OMG-ACB-II	\$199	Single port high speed RS-232/422/485/530 interface
OMG-ACB-IV	319	Dual port high speed RS-422/485/530 interface