

96-Bit DIO Board for PCI Bus Computers

OME-PIO-D96



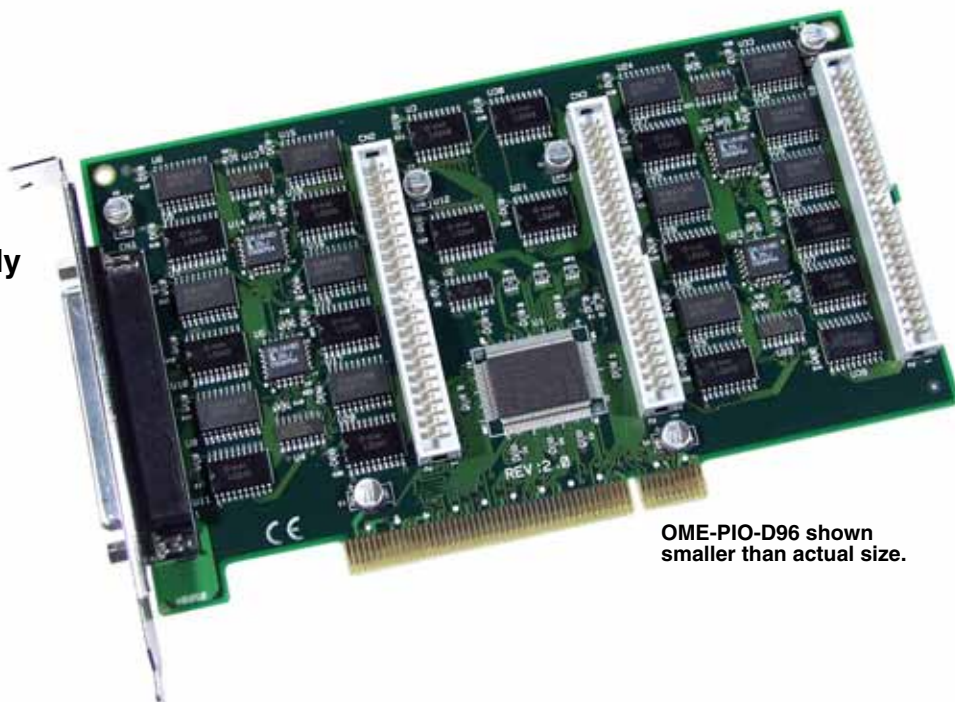
- ✓ 96 Digital I/O Channels Buffered on the Board
- ✓ 8-Bit Groups Independently Selectable for I/O on Each 24-Bit Port
- ✓ Programmable I/O Ports Under Software Control
- ✓ Connects Directly to OME-DB-24 Series
- ✓ 4 Interrupt Sources: P2C0, P5C0, P8C0, P11C0
- ✓ One D-Sub Connector, 3 50-Pin Flat Cable Connectors
- ✓ Automatically Detected by Windows XP/Vista/7
- ✓ No Base Address or IRQ Switches to Set

The OME-PIO-D96 provides 96 TTL digital I/O lines. The OME-PIO-D96 consists of twelve 8-bit bi-directional ports. The 8-bit ports are named port A (PA), port B (PB), and port C (PC). All ports are configured as inputs upon power-up or reset. The OME-PIO-D96 has one D-Sub connector and three 50-pin flat cable connectors. Each connector provides access to 24 channels of digital I/O.

Each header can connect to a 50-pin flat cable. The flat cable can be connected to OME-ADP-37/PCI or OME-ADP-50/PCI adapter which can be fixed on the computer chassis. The OME-PIO-D96 can be installed in a 5V PCI bus and supports true "Plug & Play".

Software Development Kit

All boards are supplied with a standard software development kit for Windows XP/VISTA/7. The software development kit includes dll files for programming in C, C++ or other high level languages and OCX files for Visual Basic or Active X programming. LabView drivers are also included.



OME-PIO-D96 shown smaller than actual size.

Specifications

ALL INPUTS AND OUTPUTS ARE TTL-COMPATIBLE

Logic High Voltage: 2.4V (min)

Logic Low Voltage: 0.8V (max)

Sink Current: 64 mA (max)

Source Current: 32 mA (max)

4 Interrupt Sources:

CON1, PORT 2, PC0, CON 2, PORT 5, PC0, CON 3, PORT 8, PC0, CON 4, PORT 11, PC0

Operating Temperature: 0 to 60°C (32 to 140°F)

Storage Temperature:

-20 to 80°C (-4 to 176°F)

Humidity: 0 to 90% RH non-condensing

Dimensions: 105 H x 180 mm W (4.1 x 7.1")

Power Consumption: +5V @ 1100 mA



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

To Order

Model No.	Description
OME-PIO-D96	PCI bus 96-bit DIO board
OME-DB-24PD	24-channel isolated D/I board with 37-pin D-Sub connector
OME-DB-24RD/12	24-channel relay board (12V) with 37-pin D-Sub connector
OME-DB-24PRD/12	24-channel power relay board (12V) with 37-pin D-Sub connector
OME-DB-24POR	24-channel photo mos relay output board with 1.5 m (5') 50-pin flat cable
OME-DB-24SSR	24-channel solid state relay output board with 1.5 m (5') 50-pin flat cable
OME-DB-24C	24-channel open-collector output board with 1.5 m (5') 50-pin flat cable
OME-ADP-37/PCI	50-pin extender to OME-DB-37 (PCI bus)
OME-ADP-50/PCI	50-pin extender (PCI bus)

Comes complete with utility software and user's manual on CD-ROM.

Ordering Example: OME-PIO-D96 PCI bus 96-bit DIO board and OCW-1, OMEGACARESM 1 year extended warranty extends standard 1-year warranty to a total of 2 years.