

PCI Bus 144-Bit DIO Board

OME-PIO-D144

\$249

Basic Unit



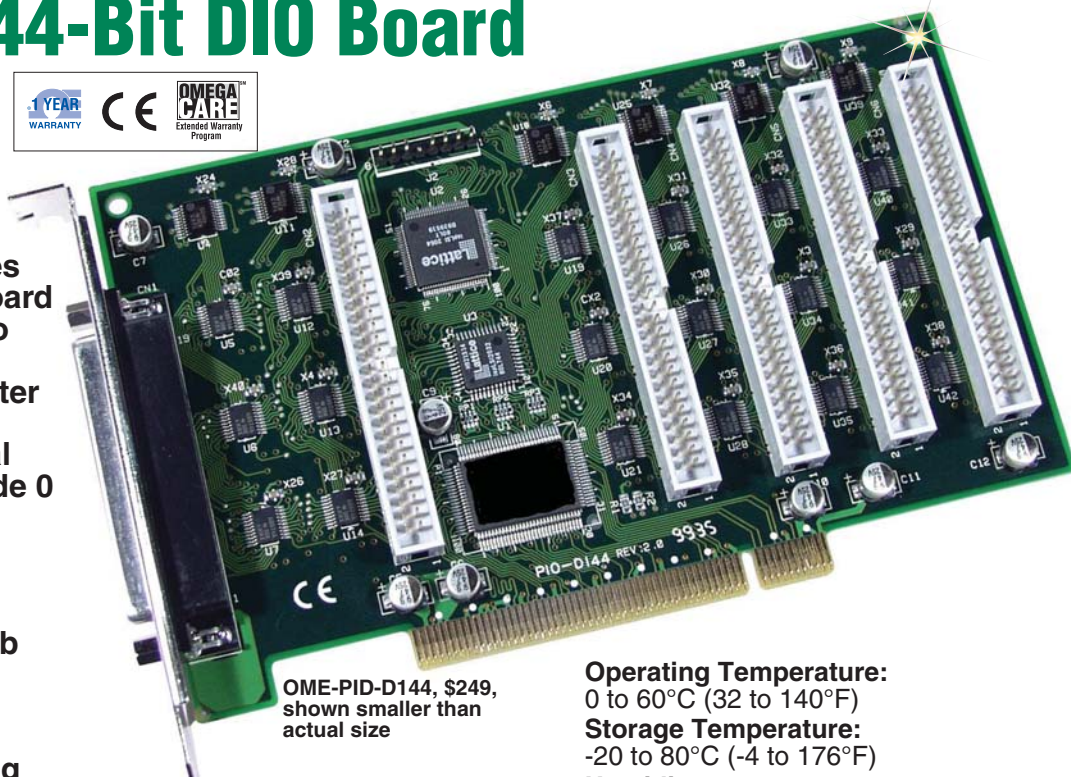
- ✓ 144 Digital I/O Lines Buffered on the Board
- ✓ Connect Directly to OME-DB-24 Series Compatible Daughter Boards
- ✓ Emulates Industrial Standard 8255 Mode 0
- ✓ Programmable Interrupt Handling
- ✓ Five 50-Pin Flat Cable Connectors & One 37-Pin D-Sub Connector
- ✓ Output Status Readback
- ✓ High Output Driving Capability
- ✓ No Base Address or IRQ Switches to Set
- ✓ 4 Interrupt Sources: PC0, PC1, PC2, PC3

The OME-PIO-D144 provides 144 TTL digital I/O lines. The OME-PIO-D144 consists of eighteen 8-bit bi-directional ports (3 ports on each connector). The 8-bit ports on each connector are port A (PA), port B (PB), and port (PC).

Each 8-bit port can be independently set as input or output. All ports are configured as inputs upon power-up or reset. The OME-PIO-D144 has one D-Sub connector and five 50-pin flat cable connectors. 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. It can be installed in a 5 V PCI bus and supports true "Plug & Play".

Software Development Kit

All boards are supplied with a standard software development kit for Windows 98/NT/2000/XP. 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-D144, \$249, shown smaller than actual size

Specifications

ALL INPUTS AND OUTPUTS ARE TTL-COMPATIBLE

Logic High Voltage: 2.4 V (min)

Logic Low Voltage: 0.8 V (max)

Sink Current: 64 mA (max)

Source Current: 32 mA (max)

4 Interrupt Sources:

CON1, PC0, PC1, PC2, PC3

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:

+5 V @ 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

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model Number	Price	Description
OME-PIO-D144	\$249	PCI bus 144-bit DIO board
OME-DB24PD	149	24-channel relay board with 37-pin D-Sub connector, includes 1 m (3') 37-pin D-Sub connector cable (OME-CA-3710)
OME-DB-24RD/12	249	24-channel relay board (12 V) with 37-pin D-Sub connector, includes 1 m (3') 37-pin D-Sub connector cable (OME-CA-3710)
OME-DB-24PRD/12	319	24-channel power relay board (12 V) with 37-pin D-Sub connector, includes 1 m (3') 37-pin D-Sub connector cable (OME-CA-3710)
OME-DB-24POR	319	24-channel photo mos relay output board with 1.5 m (5') 50-pin flat cable, (OME-CA-5015)
OME-DB-24SSR	649	24-channel solid state relay output board with 1.5 m (5') 50-pin flat cable, (OME-CA-5015)
OME-DB-24C	209	24-channel open-collector output board with 1.5 m (5') 50-pin flat cable, (OME-CA-5015)
OME-ADP-37/PCI	39	50-pin extender to OME-DB-37 (PCI bus)
OME-ADP-50/PCI	39	50-pin extender (PCI bus)

All boards include utility software and a complete user's manual on CD-ROM.

Ordering Example: OME-PIO-D144 PCI bus 144-bit opto-22 board and OMEGACARESM 1 year extended warranty for OME-PIO-D144 (adds 1 year to standard 1 year warranty), \$249 + 25 + = \$274.

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