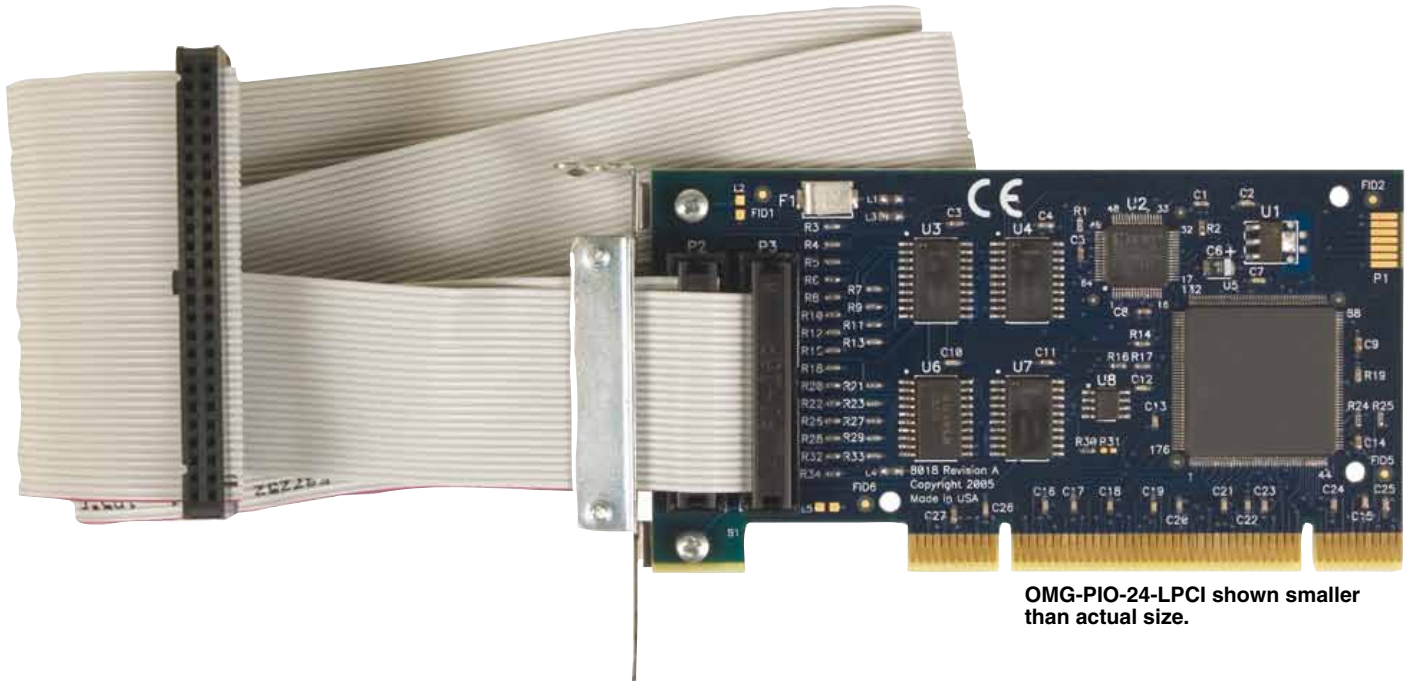


Low Profile PCI 24-Channel TTL I/O Board



OMG-PIO-24-LPCI shown smaller than actual size.

OMG-PIO-24-LPCI



- ✓ 24 Channels of Buffered TTL I/O
- ✓ Each 8-Bit Port Individually Configurable as Input or Output
- ✓ 8255 Mode 0 Compatible
- ✓ 10K Pull up Resistors on Each Bit
- ✓ ±5V Power and Ground Provided on Connector
- ✓ MD1 Low Profile and Universal Bus (3.3V and 5V) Compatible
- ✓ Includes a 1 m (3.3') Ribbon Cable with (2) 26-Pin IDC Connectors to an Industry-Standard 50-Pin IDC Connector

The OMG-PIO-24-LPCI Low Profile PCI digital I/O interface provides 24 channels of buffered drive digital I/O emulating 8255 mode zero. The board can be utilized for PC-based control and automation of equipment including sensors, switches, security control systems, and other industrial automation systems.

10K pull-up resistors are included and optional values are available. The OMG-PIO-24-LPCI contains three groups of eight-bit I/O ports. Each group is individually configurable as input or output to suit the automation task.

The board is MD1 Low Profile and Universal Bus (3.3V and 5V) compatible and ships with a ribbon cable terminating in an industry-standard 50-pin IDC connector. The OMG-PIO-24-LPCI is for use in Low Profile PCI slots only. If you have a standard size PCI slot, order the OMG-PIO-24-PCI.

These boards are compatible with Windows XP/Vista/7 and Linux and include programming support for Visual Basic 6 (and higher) and Visual C/C++.

Specifications

Number of Channels: 24 (TTL)
Power Requirement: ±5V @ 1A

Output Specifications:
 Sink up to 24 mA; source up to 15 mA

Connector: 50 pin header
Operating Temperature: 0 to 70°C (32 to 158°F)

Storage Temperature: -50 to 105°C (-58 to 221°F)

Humidity Range: 10 to 90% RH

Dimensions: 64 W x 119 mm L (2.5 x 4.7")
Weight: 45 g (1.6 oz)



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
OMG-PIO-24-LPCI	LPCI 24 channel TTL digital I/O board
OMG-PIO-24-PCI	PCI 24 channel TTL digital I/O board

Comes complete with utility software, 1 m (3.3') ribbon cable with (2) 26-pin IDC connectors to an industry-standard 50-pin IDC connector and operator's manual on CD.

Ordering Example: OMG-PIO-24-LPCI low profile PCI 24 channel TTL digital I/O board and OCW-1, OMEGACARESM 1 year extended warranty for the OMG-PIO-24-LPCI extends standard 1-year warranty to a total of 2 years.