Low Profile PCI 24-Channel TTL I/O Board

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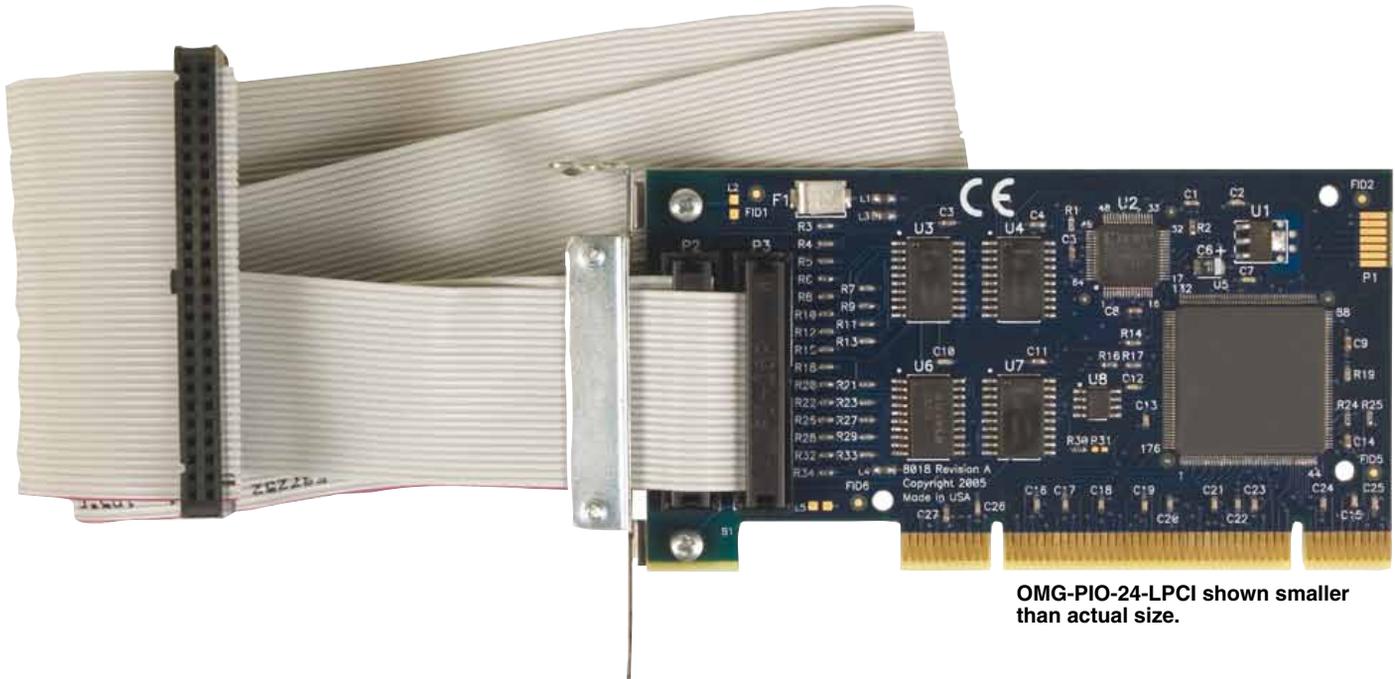
OMG-PIO-24-LPCI

- ✔ **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)

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