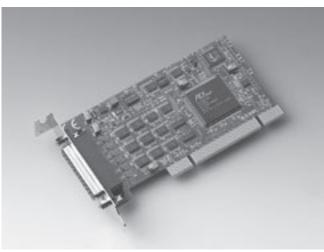
# **PCI-1757UP**

### 24-ch Digital Input/Output Low **Profile Universal PCI Card**



#### **Features**

- Low profile PCI form factor
- Universal PCI bus
- 24 TTL level digital I/O channels
- Emulates mode 0 of 8255 PPI
- Buffered circuits provide higher driving capability
- Output status read-back
- I/O configurable by software or on board DIP switch
- Keeps port I/O settings and digital output states after hot reset
- BoardID™ switch
- Convenient DB-25 connector
- Dry/wet contact support



## **Introduction**

PCI-1757UP is a 24-channel DI/O low profile PCI card that meets the PCI standard REV.2.2 (universal PCI expansion card). The card also works with 3.3 V and 5 V PCI slots, and provides you with 24 parallel digital input/output channels that emulate mode 0 of the 8255 PPI chip. However, the buffered circuits offer a higher driving capability than the 8255.

## **Specifications**

#### **Digital Input**

Channels 24 (shared with output)

Compatibility 5 V/TTL

 Input Voltage Logic 0: 0.8 V @ -0.2 mA

Logic 1: 2.0 V @ 20 mA

Interrupt Capable Ch.

#### **Digital Output**

Channels 24 (shared with input)

 Compatibility 5 V/TTL

 Output Voltage Logic 0: 0.5 V max. @ -24 mA

Logic 1: 3.7 V max. @ 24 mA

 Output Capability Sink: 24 mA

Source: 15 mA

#### General

Universal PCI V2.2 Bus Type I/O Connectors 1 x DB-25 female

119.91 x 64.41 mm (4.721" x 2.536") Low profile MD1 Dimensions

 Power Consumption Typical: 5 V @ 140 mA

Max: 5 V @ 200 mA

• Operating Temperature  $0 \sim 70^{\circ} \text{ C} (32 \sim 158^{\circ} \text{ F})$  Storing Temperature -20 ~ 80° C(-4 ~ 176° F) Storing Humidity 5 ~ 95% non-condensing

## **Ordering Information**

PCI-1757UP 24-channel digital input/output card

 ADAM-3925 DB25 Wiring terminal for DIN-rail mounting

PCL-10125-1 DB25 cable assembly, 1 m

PCLD-782B 24/16-ch. opto-isolated digital input board

 PCLD-785B 24/16-ch. relay output board

PCL-12125-1 DB25 to IDC50 flat cable for PCI-1757UP, 1 m

## **Pin Assignments**

