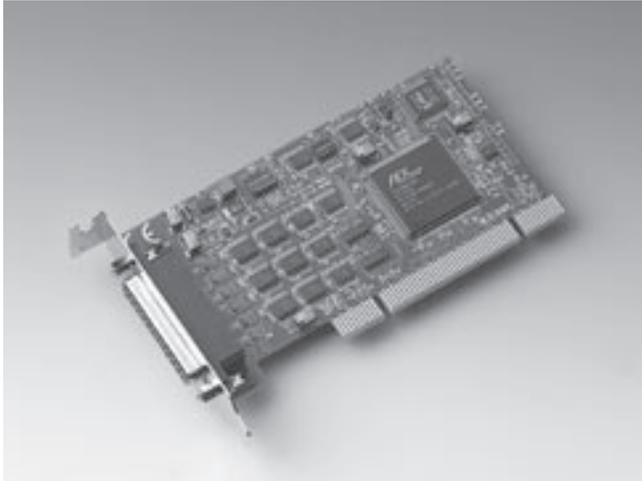


PCI-1757UP

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.** 2

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

- **Bus Type** Universal PCI V2.2
- **I/O Connectors** 1 x DB-25 female
- **Dimensions** 119.91 x 64.41 mm (4.721" x 2.536") Low profile MD1
- **Power Consumption** Typical: 5 V @ 140 mA
Max: 5 V @ 200 mA
- **Operating Temperature** 0 ~ 70° C (32 ~ 158° 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

