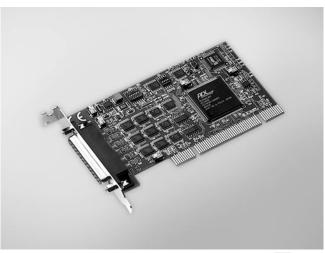
PCI-1757UP

24-ch Digital I/O 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 the output settings and values after system hot reset
- BoardID™ switch
- Convenient DB25 connector
- Supports both dry and wet contact





Introduction

PCI-1757UP is a 24-channel digital I/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

 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 DB25 female connector

- Dimensions (L x H) 120 x 64 mm (4.7" x 2.5") Low profile MD1

- Power Consumption Typical: 5 V @ 140 mA

Max: 5 V @ 200 mA

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

Ordering Information

PCI-1757UP 24-ch Digital I/O Low Profile Universal PCI Card

ADAM-3925 DB25 DIN-rail Wiring Board

PCL-10125-1 DB25 Cable, 1 m PCL-10125-3 DB25 Cable, 3 m

■ PCLD-782B 24-ch IDI Board w/ 20-pin & 50-pin Flat Cables

■ PCLD-785B 24-ch Relay Board w/ 20-pin & 50-pin Flat Cables

Pin Assignments

