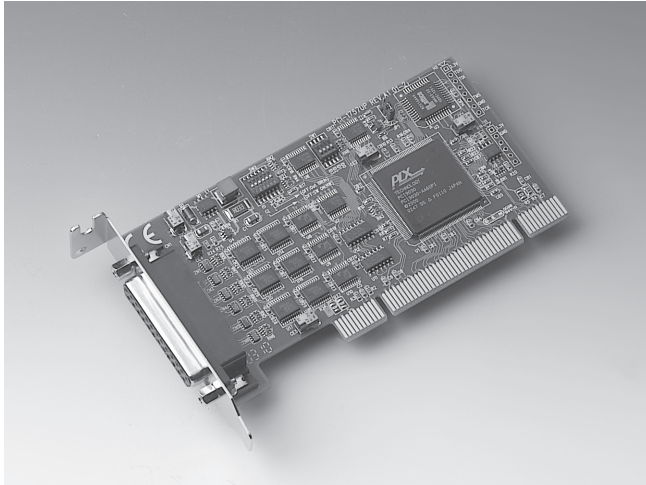


# PCI-1757UP

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



CE

### Features

- Low profile PCI card
- Universal PCI card, fits 3.3 V and 5 V PCI slot
- 24 TTL level digital I/O lines
- 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
- High density D-SUB 25-pin connector

### Introduction

The PCI-1757UP is a 24-bit 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 bits of parallel digital input/output, that emulates mode 0 of the 8255 PPI chip. However, the buffered circuits offer a higher driving capability than the 8255.

### Specifications

#### Digital Input

- **Logic High Voltage** 2.0 to 5.25 V
- **Logic Low Voltage** 0.0 to 0.80 V
- **High Level Input Current** 20 mA
- **Low Level Input Current** -0.2 mA

#### Digital Output

- **Logic High Voltage** 2.4 V minimum
- **Logic Low Voltage** 0.4 V maximum
- **High Level Input Current** 15 mA maximum (source)
- **Low Level Input Current** 24 mA maximum (sink)
- **Driving Capability** 15 LS TTL

#### Interrupt Source

- PC0, PC4

#### General

- **Connector** One D-SUB 25-pin female connector
- **Power Consumption** 5 V @ 140 mA (Typical)
- **Operating Temperature** 0 ~ 70° C (32 ~ 158° F)
- **Storage Temperature** -20 ~ 80° C (-4 ~ 176° F)
- **Humidity** 5 ~ 95% non-condensing
- **Dimensions** 119.91 x 64.41 mm (4.721" x 2.536") Low profile PCI MD1 card size

### 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

### Pin Assignments

