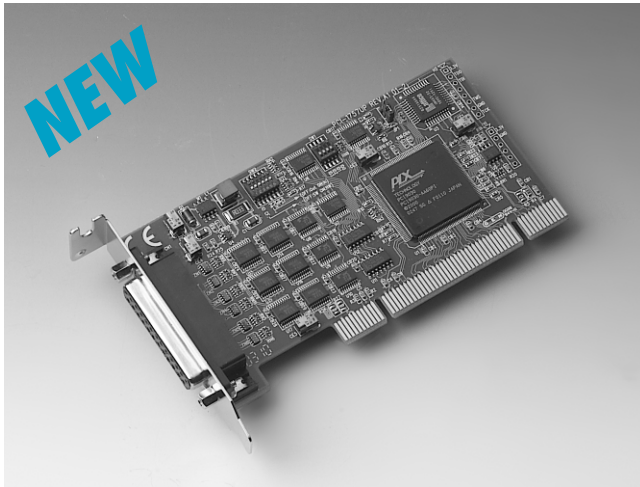


# PCI-1757UP

## 24-channel Digital Input/Output Card



### Features

- Low profile PCI card
- Universal PCI card, adapt 3.3V and 5V 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
- Board ID set by DIP switch
- High density D-SUB 25-pin connector

### Introduction

The PCI-1757UP is a 24-bit DI/O 1low profile PCI card. It meets the PCI standard REV.2.2 (universal PCI expansion card), and works with both 3.3V and 5V PCI slot. It provides users with 24 bits of parallel digital input/output, emulates mode 0 of the 8255 PPI chip, but 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

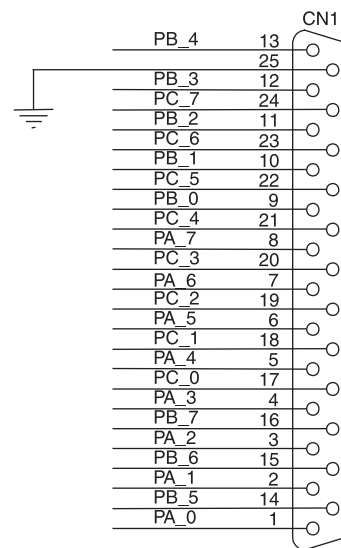
- PC0, PC4

#### General

- **Connector:** one D-SUB 25-pin female connector
- **Power Consumption:** 5 V @ 140 mA (Typical)
- **Operating Temperature:** 0 ~ 70° C (32° F ~ 158° F)
- **Storage Temperature:** -20 ~ 80° C (-4° F ~ 176° F)
- **Humidity:** 5% ~ 95% non-condensing

- **Dimension:** 119.91 x 64.41 mm (4.721" x 2.536") Low profile PCI MD1 card size

### Pin Assignment



### Ordering Information

- PCI-1757UP**  
24-channel Digital Input/Output Card
- ADAM-3925**  
DB-25 wiring terminal for DIN-rail mounting

WebLink  
WebOT 1

IPPC &  
AWS 2

TPC 3

FPM 4

IPC 5

UNO-  
2000 6

ICOM 7

DA&C 8

cPCI 9

ADAM-  
3000 10

ADAM-  
4000 11

ADAM-  
5000 12

ADAM-  
6000 13

ADAM-  
8000 14

Industrial  
Converters 15

VBOX 16

Software 17

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