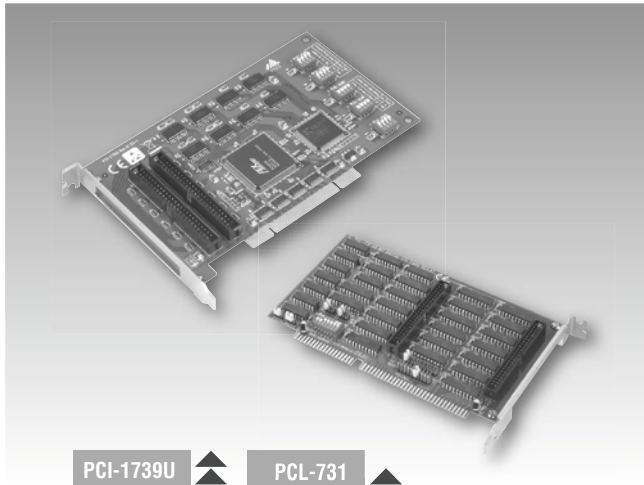


# PCI-1739U PCL-731

48-ch Digital I/O PCI Card

48-ch Digital I/O ISA Card



## Features

- 48 TTL digital I/O channels
- Emulates mode 0 of 8255 PPI
- Interrupt handling
- Opto-22 compatible 50-pin connectors
- Output status readback
- PCI universal card (both 3.3 V and 5 V signaling, PCI-1739U only)

## Specifications

### Digital Input

- **Channels** 48 (shared with output)
- **Compatibility** 5 V/TTL
- **Input Voltage** Logic 0: 0.8 V max.  
Logic 1: 2.0 V min.
- **Interrupt Capable Ch.** 2

### Digital Output

- **Channels** 48 (shared with input)
- **Compatibility** 5 V/TTL
- **Output Voltage** Logic 0: 0.4 V max.  
Logic 1: 2.4 V min.
- **Output Capability** Sink: 0.4 V max. @ 24 mA  
Source: 2.4 V min. @ 15 mA

### General

- **Bus Type** PCI-1739: PCI V2.2  
PCL-731: ISA
- **I/O Connectors** 2 x 50-pin male ribbon-cable connectors
- **Dimensions (L x H)** PCL-731: 185 x 100 mm (7.3" x 3.9")  
PCI-1739U: 175 x 100 mm (6.9" x 3.9")
- **Power Consumption**  
PCL-731: Typical: +5 V @ 0.5 A  
Max: +5 V @ 0.8 A  
PCI-1739U: Max: +5 V @ 540.8 mA
- **Operating Temperature** PCL-731: 0 ~ 60° C (32 ~ 140° F)  
PCI-1739U: 0 ~ 65° C (32 ~ 149° F)
- **Storing Temperature** PCL-731: -20 ~ 70° C (-4 ~ 158° F)  
PCI-1739U: -25 ~ 80° C (-13 ~ 176° F)
- **Storing Humidity** 5 ~ 95% RH, non-condensing (refer to IEC 68-2-3)

## Ordering Information

- **PCL-731** 48-ch digital I/O ISA card, user's manual and driver CD-ROM (cable not included)
- **PCI-1739U** 48-ch digital I/O PCI card, user's manual and driver CDROM (cable not included)
- **PCL-10150-1.2** 50-pin flat cable, 1.2 m
- **PCLD-782B** 24/16-ch. opto-isolated digital input board
- **PCLD-785B** 24/16-ch. relay output board
- **PCLD-7216** 16-ch. carrier board for SSR I/O modules
- **PCLD-885** 16-ch. power relay (Form A) output board
- **ADAM-3950** 50-pin flat cable wiring terminal for DIN-rail mounting