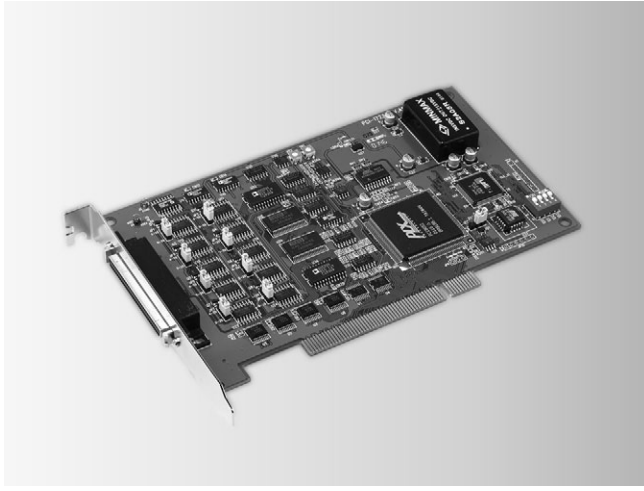


# PCI-1723

# PCI-1727U

16-bit, 8-ch Analog Output PCI Card  
with 16-ch Digital I/O

14-bit, 12-ch Analog Output  
Universal PCI Card with 32-ch Digital I/O



PCI-1723



## Specifications

### Analog Output

- Channels 8
- Resolution 16 bits
- Output Rate Static update
- Output Range (Software programmable)

Bipolar (V)	±10
Current Loop (mA)	0 ~ 20, 4 ~ 20

- Driving Capability 5 mA
- Output Impedance 0.1 Ω max.
- Operation Modes Software polling, synchronized output
- Accuracy Relative: ±6 LSB  
Differential Non-linearity: ±6 LSB (monotonic)

### Digital Input/Output

- Channels 16 (shared by input/output)
- Compatibility 5 V/TTL
- Input Voltage Logic 0: 0.8 V max.  
Logic 1: 2.0 V min.
- Output Capability Sink 0.5 V @ 24 mA  
Source: 2.0 V @ -15 mA

### General

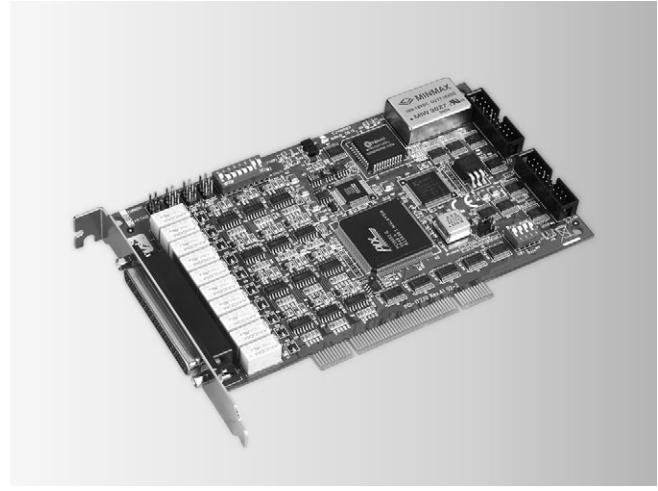
- Bus Type PCI V2.2
- I/O Connectors 1 x 68-pin SCSI female connector
- Dimensions (L x H) 175 x 100 mm (6.9" x 3.9")
- Power Consumption Typical: 5 V @ 850 mA, 12 V @ 600 mA  
Max.: 5 V @ 1 A, 12 V @ 700 mA
- Operating Temperature 0 ~ 60° C (32 ~ 158° F) (IEC 68-2-1, 2)
- Storage Temperature -20 ~ 85° C (-4 ~ 185° F)
- Storage Humidity 5 ~ 95 % RH non-condensing (IEC 68-2-3)

## Ordering Information

- PCI-1723 16-bit, 8-ch Non-isolated Analog Output PCI Card

### Accessories

- PCL-10168-1 68-pin SCSI Shielded Cable, 1 m
- PCL-10168-2 68-pin SCSI Shielded Cable, 2 m
- ADAM-3968 68-pin DIN-rail SCSI Wiring Board



PCI-1727U



## Specifications

### Analog Output

- Channels 12
- Resolution 14 bits
- Output Rate Static update
- Output Range (Software programmable)

Bipolar (V)	±5
Unipolar (V)	0 ~ 5, 0 ~ 10
Current Loop (mA)	4 ~ 20

- Slew Rate 0.7 V/μs
- Driving Capability 15 mA
- Operation Modes Software polling, synchronized output
- Current Loop Excitation 8 ~ 36 V

### Digital Input

- Channels 16
- Compatibility 5 V/TTL
- Input Voltage Logic 0: 0.8 V max.  
Logic 1: 2.0 V min.
- Input Loading 0.5 V @ 0.4 mA max. (low)  
2.7 V @ 50 μA max. (high)

### Digital Output

- Channels 16
- Compatibility 5 V/TTL
- Output Voltage Logic 0: 0.5 V, Logic 1: 2.4 V  
Sink: 0.8 mA @ 0.5 V  
Source: 0.4 mA @ 2.4 V
- Output Capability

### General

- Bus Type Universal PCI V2.2
- I/O Connectors 1 x 37-pin D-type female connector  
2 x 20-pin box header
- Power Consumption 5 V @ 460 mA typical, 500 mA max  
12 V @ 150 mA typical, 100 mA max
- Dimensions (L x H) 175 x 100 mm (6.9" x 3.9")
- Operating Temperature 0 ~ 50° C (32 ~ 122° F)
- Storing Temperature -20 ~ 65° C (-4 ~ 149° F)
- Storing Humidity 5 ~ 95% RH, non-condensing

## Ordering Information

- PCI-1727U 14-bit, 12-ch Universal Analog Output Card

### Accessories

- PCL-10120-1 20-pin flat cable, 1 m
- PCL-10137-1 DB37 cable assembly, 1 m
- ADAM-3937 DB37 wiring terminal for DIN-rail mounting