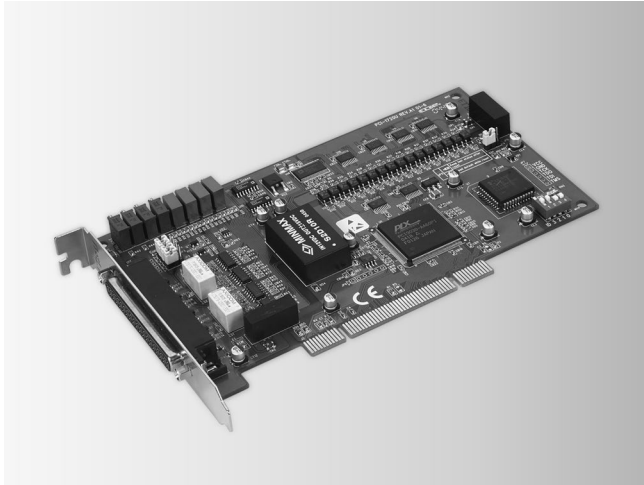


# PCI-1720U

# PCI-1724U

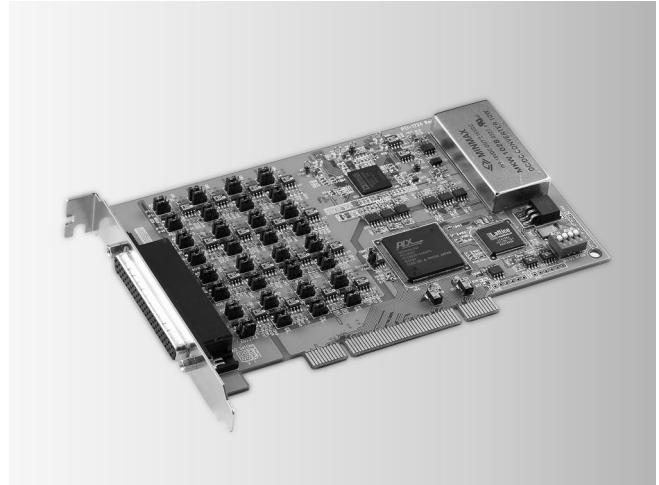
## 12-bit, 4-ch Isolated Analog Output Universal PCI Card

## 14-bit, 32-ch Isolated Analog Output Universal PCI Card



PCI-1720U

FCC CE RoHS



PCI-1724U

FCC CE RoHS

### Specifications

#### Analog Output

- Channels 4 isolated
- Resolution 12 bits
- Output Rate Static update
- Output Range

Bipolar (V)	$\pm 5, \pm 10$
Unipolar (V)	0 ~ 5, 0 ~ 10
Current Loop (mA)	0 ~ 20, 4 ~ 20 (software programmable)

- Slew Rate 2 V/ $\mu$ s
- Isolation Protection 2,500 V<sub>DC</sub>
- Driving Capability 5 mA
- Operation Modes Software polling
- Accuracy Relative:  $\pm 1$  LSB; Differential Non-Linearity:  $\pm 1$  LSB (monotonic)
- Excitation Voltage 50 V (max.)

#### General

- Bus Type Universal PCI V2.2
- I/O Connectors 1 x DB37 female connector
- Dimensions (L x H) 175 x 100 mm (6.9" x 3.9")
- Power Consumption 5 V @ 350 mA (typical), 500 mA (max.)  
12 V @ 200 mA (typical), 350 mA (max.)
- Operating Temperature 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature -20 ~ 70°C (-4 ~ 158°F)
- Storage Humidity 5 ~ 95% RH, non-condensing

### Ordering Information

- PCI-1720U 12-bit, 4-ch Isolated AO Universal PCI Card

#### Accessories

- PCL-10137-1E DB37 Cable, 1 m
- PCL-10137-2E DB37 Cable, 2 m
- PCL-10137-3E DB37 Cable, 3 m
- ADAM-3937 DB37 DIN-rail Wiring Board

### Specifications

#### Analog Output

- Channels 32 isolated
- Resolution 14 bits
- Output Rate Static update
- Output Range

Bipolar (V)	$\pm 10$
Current Loop (mA)	0 ~ 20, 4 ~ 20 (software programmable)

- Isolation Protection 1,500 V<sub>DC</sub> system isolation
- Output Impedance 0.1  $\Omega$  max.
- Operation Modes Software polling, synchronized output
- Accuracy Relative:  $\pm 4$  LSB  
Differential Non-linearity:  $\pm 2$  LSB (monotonic)
- Driving Capacity 10 mA

#### General

- Bus Type Universal PCI V2.2
- I/O Connectors 1 x DB62 female connector
- Dimensions (L x H) 175 x 100 mm (6.9" x 3.9")
- Power Consumption 5 V @ 400 mA, 12 V @ 270 mA max.
- Operating Temperature 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature -20 ~ 70°C (-4 ~ 158°F)
- Storage Humidity 5 ~ 95% RH, non-condensing

### Ordering Information

- PCI-1724U 14-bit, 32-ch Isolated AO Universal PCI Card

#### Accessories

- PCL-10162-1E DB62 Cable, 1 m
- PCL-10162-3E DB62 Cable, 3 m
- ADAM-3962 DB62 DIN-rail Wiring Board