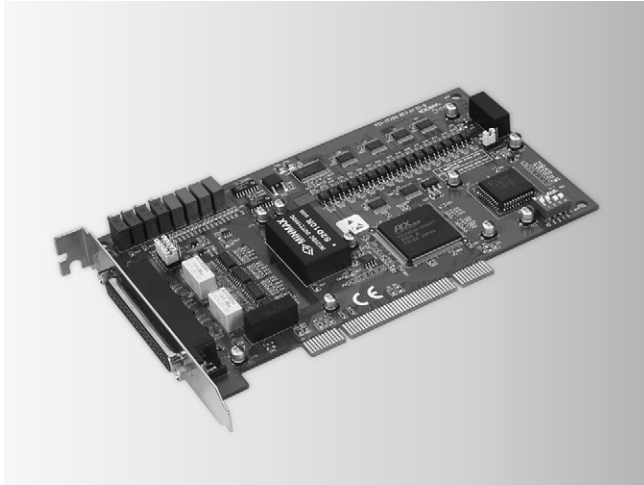# PCI-1720U

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

PCI-1724U

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

PCI-1720U

RoHS COMPLIANT 2002/95/EC FCC CE

PCI-1724U

RoHS COMPLIANT 2002/95/EC FCC CE

Specifications

Analog Output

- **Channels**   4 isolated
- **Resolution**   12 bits
- **Output Rate**   Static update
- **Output Range**   (Software programmable)

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

- **Slew Rate**   2 V/µs
- **Isolation Protection**   2,500 V_{DC}
- **Driving Capability**   5 mA
- **Operation Modes**   Software polling
- **Accuracy**   Relative: ±1 LSB; Differential Non-Linearity: ±1 LSB (monotonic)
- **Excitation Voltage**   50 V (max.)

General
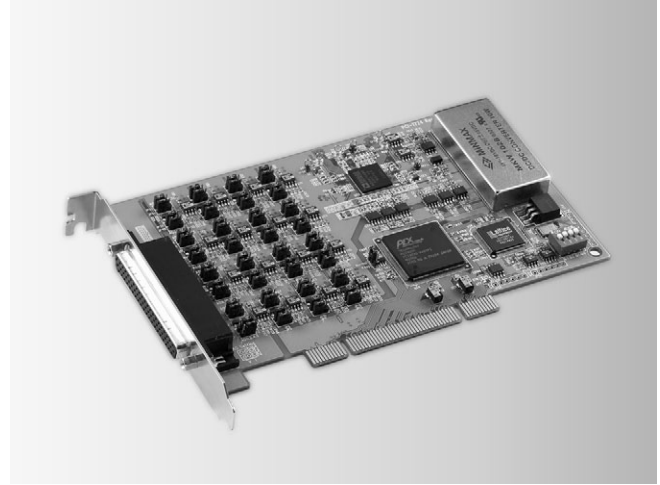
- **Bus Type**   Universal PCI V2.2
- **I/O Connectors**   1 x DB37 female connector
- **Dimensions (L x H)**   175 x 100 mm (6.9" x 3.9")
- **Power Consumption**   5 V @ 350 mA (typical), 500 mA (max.)
                             12 V @ 200 mA (typical), 350 mA (max.)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F) (refer to IEC 68-2-1, 2)
- **Storage Temperature**   -20 ~ 70° C (-4 ~ 158° F)
- **Storage Humidity**   5 ~ 95% RH, non-condensing (refer to IEC 68-2-3)

Ordering Information

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

Accessories

- **PCL-10137-1**   DB37 Cable, 1 m
- **PCL-10137-2**   DB37 Cable, 2 m
- **PCL-10137-3**   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 (Software programmable)**

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

- **Isolation Protection**   1,500 V_{DC} system isolation
- **Output Impedance**   0.1 Ω max.
- **Operation Modes**   Software polling, synchronized output
- **Accuracy**   Relative: ±4 LSB
                             Differential Non-linearity: ±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) (refer to IEC 68-2-1, 2)
- **Storage Temperature**   -20 ~ 70° C (-4 ~ 158° F)
- **Storage Humidity**   5 ~ 95 % RH, non-condensing (refer to IEC 68-2-3)

Ordering Information

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

Accessories

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