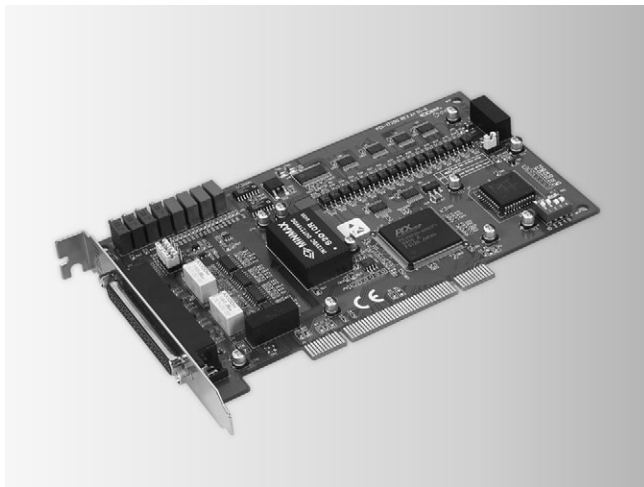


PCI-1720U

PCI-1724U

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

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



PCI-1720U

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

- Slew Rate 2 V/ μ s
- 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

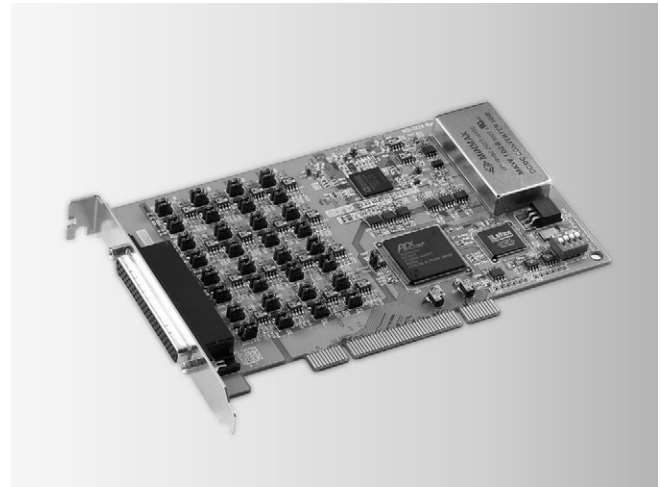
- Bus Type Universal PCI V2.2
- I/O Connectors 1 x DB37 female connector
- Dimensions (L x H) 175 x 100 mm (6.9" x 3.9")
- Power Consumption 5 V @ 350 mA (typical), 500 mA (max.)
12 V @ 200 mA (typical), 350 mA (max.)
- Operating Temperature 0 ~ 60° C (32 ~ 140° F) (refer to IEC 68-2-1, 2)
- Storage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



PCI-1724U

RoHS
COMPLIANT
2002/95/EC

FCC

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