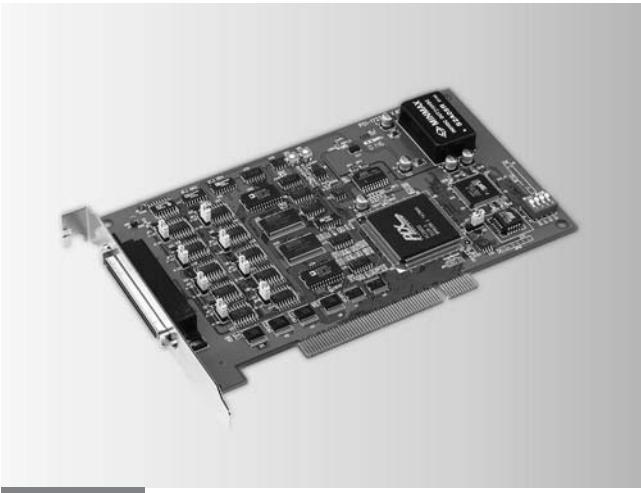


PCI-1723 PCI-1727U



PCI-1723

FCC CE



Specifications

Analog Output

▪ Channels	8
▪ Resolution	16 bits
▪ Output Rate	Static update
▪ Output Range	
▪ Bipolar (V)	±10
▪ Current Loop (mA)	0 ~ 20, 4 ~ 20 (software programmable)
▪ 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	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)
▪ Storage Temperature	-20 ~ 85°C (-4 ~ 185°F)
▪ Storage Humidity	5 ~ 95% RH non-condensing

Ordering Information

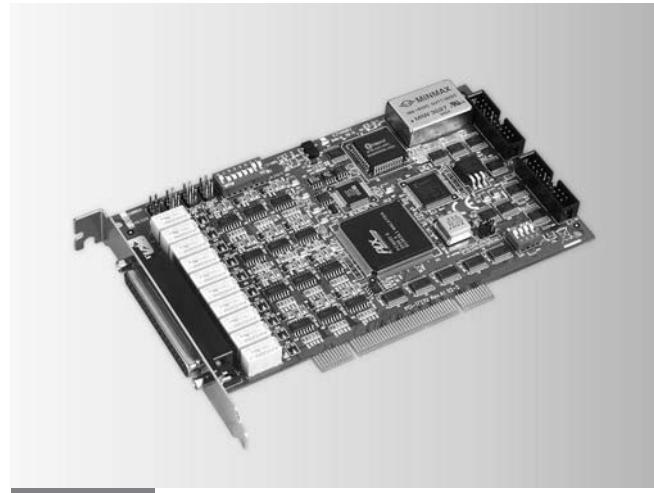
- PCI-1723 16-bit, 8-ch Non-isolated Analog Output PCI Card

Accessories

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

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-1727U

FCC CE



Specifications

Analog Output

▪ Channels	12
▪ Resolution	14 bits
▪ Output Rate	Static update
▪ Output Range	

▪ Bipolar (V)	±5
▪ Unipolar (V)	0 ~ 5, 0 ~ 10
▪ Current Loop (mA)	0 ~ 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
▪ Output Capability	Sink: 0.5 V @ 8 mA Source: 2.4 V @ 0.4 mA

General

▪ Bus Type	Universal PCI V2.2
▪ I/O Connectors	1 x 37-pin D-type female connector
▪ Power Consumption	2 x 20-pin box header
▪ Dimensions (L x H)	5 V @ 460 mA typical, 500 mA max
▪ Operating Temperature	12 V @ 150 mA typical, 100 mA max
▪ Storage Temperature	175 x 100 mm (6.9" x 3.9")
▪ Storing Humidity	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-10120-1E 20-pin flat cable, 1 m
- PCL-10137-1E DB37 cable assembly, 1 m
- ADAM-3937 DB37 wiring terminal for DIN-rail mounting