

PCI-1730

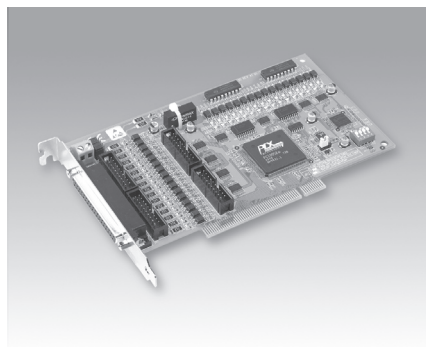
PCI-1733

PCI-1734

32-ch Isolated Digital I/O Card (ISA Compatible)

32-ch Isolated Digital Input Card (ISA Compatible)

32-ch Isolated Digital Output Card (ISA Compatible)



PCI-1730



Features

- 32 isolated DIO ch. (16 inputs and 16 outputs)
- 32 TTL-level DIO ch. (16 inputs and 16 outputs)
- High output driving capacity
- Interrupt capability
- Two 20-pin connectors for isolated digital I/O channels and two for TTL digital I/O channels
- D-type connector for isolated input and output ch.

Specifications

Isolated Digital Input

- **Input Channels** 16 (16-ch/group)
- **Interrupt Inputs** 4 (IDIO, IDI1, DIO, DI1)
- **Interrupt Levels** 2 - 7
- **Input Voltage** 5 ~ 30 V_{DC}
- **Input Resistance** 2.7 kΩ @ 1 W
- **Optical Isolation** 2,500 V_{DC}
- **Throughput** 10 kHz max.

Isolated Digital Output

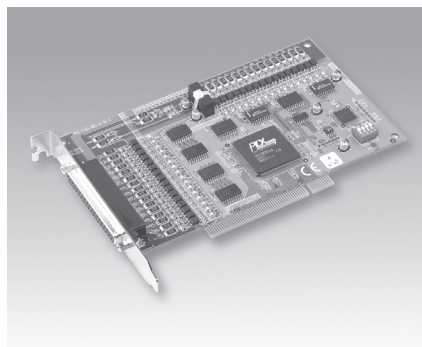
- **Output Channels** 16 (16-ch/group)
- **Optical Isolation** 2,500 V_{DC}
- **Throughput** 10 kHz
- **Supply Voltage** 5 ~ 40 V_{DC}
- **Sink Current** 200 mA max./channel

General

- **I/O Connector Type** 37-pin D-type female
- **Dimensions (L x H)** 185 x 100 mm (7.3" x 3.9")
- **Power Consumption** Typical: +5 V @ 330 mA
Max: +5 V @ 500 mA
- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- **Storage Temperature** -20~70°C (-4~158°F)
- **Relative Humidity** 5 ~ 95% (IEC 68-2-3) non-condensing

Ordering Information

- **PCI-1730** Card, manual and driver CD-ROM (cable not included.)



PCI-1733



Features

- 32 isolated, bidirectional digital input channels
- High-voltage isolation (2,500 V_{DC})
- Interrupt capacity
- D-type connectors for isolated input channels
- Reverse voltage protection for isolated input channels (up to 24 V_{DC})

Specifications

Isolated Digital Input

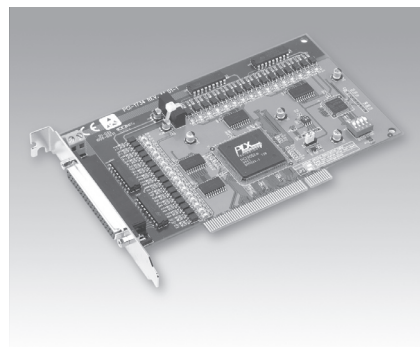
- **Input Channels** 32 (16-ch/group)
- **Interrupt Inputs** 4 (IDIO, IDI1, IDI16, IDI17)
- **Interrupt Levels** 2, 3, 5, 7, 10, 11, 12, 15
- **Input Voltage** 5 ~ 30 V_{DC}
- **Input Resistance** 2.7 kΩ @ 1 W
- **Optical Isolation** 2,500 V_{DC}
- **Throughput** 10 kHz max.

General

- **I/O Connector Type** 37-pin D-type female
- **Dimensions (L x H)** 185 x 100 mm (7.3" x 3.9")
- **Power Consumption** Typical: +5 V @ 320 mA
Max: +5 V @ 500 mA
- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- **Storage Temperature** -20~70°C (-4~158°F)
- **Relative Humidity** 5 ~ 95% (IEC 68-2-3) non-condensing

Ordering Information

- **PCI-1733** 32-channel isolated digital input card, manual and driver CD-ROM (cable not included)



PCI-1734



Features

- 32 isolated digital output channels
- High output driving capacity
- High-voltage isolation on output channels (2,500 V_{DC})
- High sink current on isolated output channels (200 mA/channel)
- Integral suppression diodes for inductive loads
- Wide output range (5 ~ 40 V_{DC})
- D-type connectors for isolated output channels

Specifications

Isolated Digital Output

- **Output Channels** 32 (16-ch/group)
- **Optical Isolation** 2,500 V_{DC}
- **Throughput** 10 kHz
- **Supply Voltage** 5 ~ 40 V_{DC}
- **Sink Current** 200 mA max./channel

General

- **I/O Connector Type** 37-pin D-type female
- **Dimensions (L x H)** 185 x 100 mm (7.3" x 3.9")
- **Power Consumption** Typical: +5 V @ 330 mA
Max: +5 V @ 500 mA
- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- **Storage Temperature** -20~70°C (-4~158°F)
- **Relative Humidity** 5 ~ 95% (IEC 68-2-3) non-condensing

Ordering Information

- **PCI-1734** 32-channel Isolated digital output card, user's manual and driver CD-ROM (cable not included)