

PCI Bus Data Acquisition Board



PCI-1002H/L:

Cost-effective multi-channel A/D board, 12-bit resolution, 110K sampling rate, 32 Single-ended/ 16 differential channels, 16DI/16DO, 2 internal trigger, 3 external trigger
 • Dimensions: 175mm x 105mm



NEW

PIO-821L/PIO-821H:

12-Bit Multifunction Board
 • 16 single-ended or 8 differential analog input channels
 • One 12-bit analog output channel
 • 16-channel Digital input & 16-channel Digital output
 • 45KS/s sampling rate
 • A/D Trigger modes: Software Trigger, Pacer Trigger
 • A/D data transfer modes: polling, interrupt



PCI Bus Isolated A/D Board

PISO-813: Isolated 32-channel analog input board, 12-bit A/D converter, 3000Vdc photo-isolation, programmable gain control, software trigger
 • Dimensions: 180mm x 105mm



NEW

PISO-DA2

PCI Bus D/A Board

Common Features:

- Voltage/current outputs for individual D/A converter
- Output type and output range (0-5V, +/-5V, 0-10V, +/-10V) can be software programmable
- 4-20 mA or 0-20mA current sink to ground
- Software calibration
- 16-channel DI, 16-channel DO
- Dimensions: 179mm x 122mm



PIO-DA16

PISO-DA2: Isolated 12-bit analog output board

- Channel to channel isolation
- 3750Vdc isolation
- Output Range: 0-5V, +/-5V, 0-10V, +/-10V
0-20mA, 4-20mA
- Dimensions: 177mm x 122mm

PIO-DA16: 16-channel 14-bit D/A board



PIO-DA8

PIO-DA8: 8-channel 14-bit D/A board



PIO-DA4

PIO-DA4: 4-channel 14-bit D/A board

**Trimless
Jumperless**

PCI Bus Digital I/O Board



NEW

High Driving
Capability

**PCI Bus 168-bit
OPTO-22 DIO Board**

PIO-D168

- Up to 168 channels of Digital I/O
- High output driving capability
- Interrupt source: 4 external interrupt lines
- one D-Sub connector, six 50-pin flat-cable connectors
- Connects directly to DB-24P, DB-24PD, DB-24R, DB-24PR, DB-24SSR, DB-24POR and other OPTO-22 compatible daughter board
- Dimensions: 200mm x 105 mm



High Driving
Capability

**PCI Bus 48-bit OPTO-22
DIO Board**

PIO-D48

- Up to 48 channels of digital I/O
- Eight-bit groups independently selectable for I/O on each 24-bit port
- One 32-bit programmable internal pacer timer
- One 16-bit event counter
- Interrupt source: 4 external interrupt lines
- Pull-up or pull-down resistors on I/O lines
- High output driving capability: sink current 64mA; source current 32mA
- No need to set base address and IRQ switches
- Dimensions: 156mm x 105mm



High Driving
Capability

**PCI Bus 144-bit
OPTO-22 DIO Board**

PIO-D144

- PCI Bus, Double side SMD, short card, power saving
- Up to 144 channels of Digital I/O
- Interrupt source: 4 external interrupt lines
- High output driving capability: sink current 64mA; source current 32mA
- One D-Sub connector, five 50-pin flat cable connectors
- Eight-bit groups independently selectable for I/O on each 24-bit port
- No need to set base address and IRQ switches
- Dimensions: 170mm x 105mm



High Driving
Capability

**PCI Bus 56-bit
DIO Board**

PIO-D56

- SMD, short card, power saving
- One 24-bit I/O port (CON3), one 16-bit input port (CON2) and one 16-bit output port (CON1).
- 56 digital I/O lines
- Interrupt source: 4 external interrupt lines
- Eight-bit groups independently selectable for I/O on each 24-bit port
- High output driving capability: sink current 64mA; source current 32mA
- One D-Sub connector, two 20-pin flat-cable headers
- No need to set base address and IRQ switches
- Dimensions: 143mm x 105mm

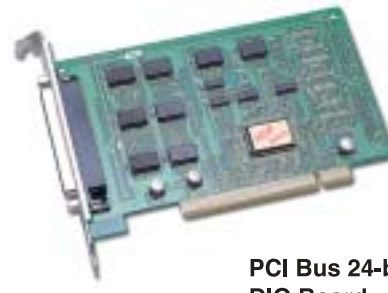


High Driving
Capability

**PCI Bus 96-bit OPTO-22
DIO Board**

PIO-D96

- SMD, short card, power saving
- Up to 96 channels of Digital I/O
- Interrupt source: 4 external interrupt lines
- Eight-bit groups independently selectable for I/O on each 24-bit port
- High output driving capability: sink current 64mA; source current 32mA
- One D-Sub connector, three 50-pin flat cable connectors
- No need to set base address and IRQ switches
- Dimensions: 180mm x 105mm



High Driving
Capability

**PCI Bus 24-bit OPTO-22
DIO Board**

PIO-D24

- 24-channel Digital I/O Lines
- Interrupt source: 4 external interrupt lines
- Eight-bit groups independently selectable for I/O on each 24-bit port
- High output driving capability: sink current 64mA; source current 32mA
- One D-Sub connector
- No need to set base address and IRQ switches
- Dimensions: 143mm x 105mm