Features

- 32-bit +5V PCI bus, Plug & Play
- 56-bit digital I/O (PIO-D56)
- 24-bit digital I/O (PIO-D24)
- High driving capability
- Four interrupt sources: PC0, PC1, PC2, PC3
- DIO response time is about 0.77 us (1.3 MHz max.)

PIO-D56U-CR

PIO-D56

Specification

Digital Input

All inputs are TTL compatible

Logic high voltage: 2.4V min

Logic low voltage: 0.8V max

Digital Output

All outputs are TTL compatible

OPTO-22 output (CON3)

Sink current: 64 mA max

Source current: 32 mA max

16-channel output (CN1)

Sink current: 8 mA max

Source current: 0.4 mA max

General Specifications

I/O connector: one D-sub 37-pin female

two 20-pin ribbon male (PIO-D56)

Power requirements: +5V@580 mA (PIO-D56)

+5V@420 mA (PIO-D24)

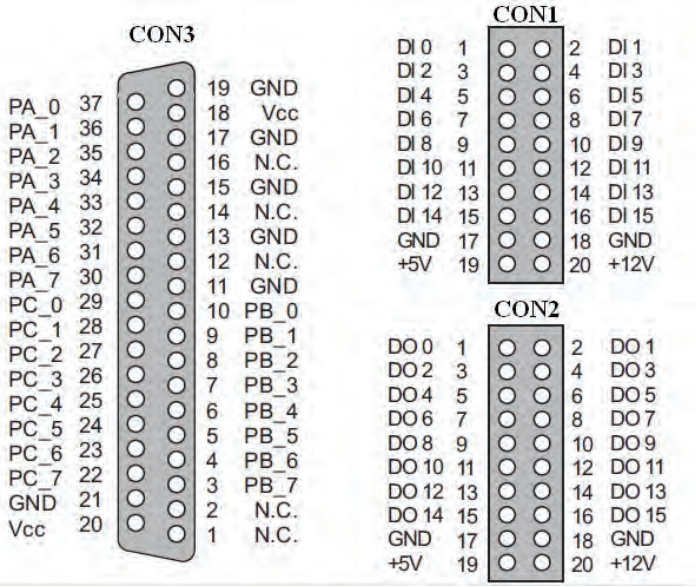
Operating temperature: 0 ~ 60°C

Operating humidity: 0 ~ 90% non-condensing

Storage temperature: -20 ~ 80°C

Dimensions: 143 mm x 105 mm

Pin Assignment



Optional Accessories

- DB-24PD: 24-channel isolated D/I board
- DB-24RD: 24-channel relay board
- DB-24PRD: 24-channel power relay board
- DB-16P8R: 16-channel isolated D/I and 8-channel relay output board
- DB-24POR: 24-channel PhotoMOS relay output board
- DB-24SSR: 24-channel solid state relay output board
- DB-24C: 24-channel open-collector output board
- DB-24OD: 24-channel open-drain output board
- DB-16P: 16-channel OPTO-isolated digital input board
- DB-16R: 16-channel relay output board
- DN-20: 2x20 pin header DIN-rail mounting terminal board
- DN-37: 2x37 pin header DIN-rail mounting terminal board
- ADP-20/PCI: 20-pin extender