



I/O CARD QUICK START GUIDE

for

PCI-1002

Language

English

Version

V1.0

Update

Sep.2008

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What's on your package?

- One PCI-1002 series card
- One companion PCI CD (V3.4 or later)
- One Quick Start Guide(This document)

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Installing Windows Driver

Follow those steps:

1. Setup the Windows driver.




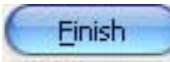
You can get the driver from:

CD:\NAPDOS\PCI\PCI-1002\DLL_OCX\

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1002/dll_ocx/



Windows driver only support windows 98/NT/2000 and XP/2003/vista 32-bit versions.

2. Click  button to start installation.
3. Click  button to install driver into the default folder.
4. Click  button to continue installation.
5. Click  button to reboot the PC.

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Installing Hardware on PC

Follow those steps:

1. Shut down your computer
2. Remove all covers from the computer
3. Select an unused PCI slot
4. Carefully insert your I/O card into the PCI slot
5. Replace the PC covers
6. Power on the computer

After powering-on the computer, the Plug&Play card could work immediately.

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Pin Assignments

- CN1 : Digital output connector pin assignment.

Pin	Name	Pin	Name
1	Digital output 0	2	Digital output 1
3	Digital output 2	4	Digital output 3
5	Digital output 4	6	Digital output 5
7	Digital output 6	8	Digital output 7
9	Digital output 8	10	Digital output 9
11	Digital output 10	12	Digital output 11
13	Digital output 12	14	Digital output 13
15	Digital output 14	16	Digital output 15
17	PCB ground	18	PCB ground
19	PCB+5V	20	PCB +12V

- CN2 : Digital input connector pin assignment.

Pin	Name	Pin	Name
1	Digital input 0	2	Digital input 1
3	Digital input 2	4	Digital input 3
5	Digital input 4	6	Digital input 5
7	Digital input 6	8	Digital input 7
9	Digital input 8	10	Digital input 9
11	Digital input 10	12	Digital input 11
13	Digital input 12	14	Digital input 13
15	Digital input 14	16	Digital input 15
17	PCB ground	18	PCB ground
19	PCB+5V	20	PCB +12V

The detail pin assignments information. Please refer to :

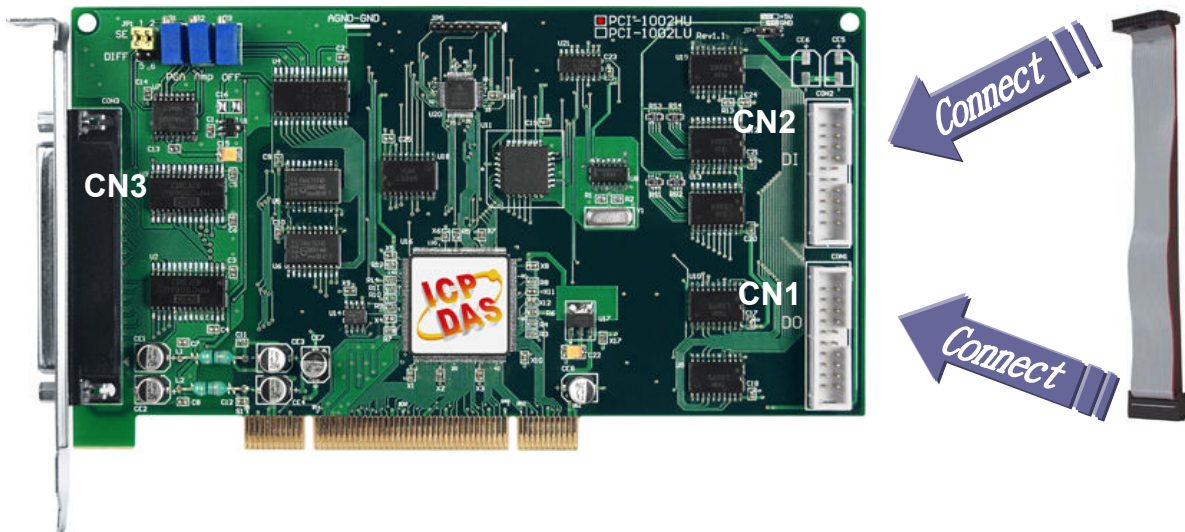
CD:\NAPDOS\PCI\PCI-1002\Manual\pci-1002_hardware_manual .pdf

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1002/manual/pci-1002_hardware_manual.pdf

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Self-Test

1. Use CA-2002(Optional) to connect the CN1 with CN2.



2. Run the PCI-1002 DIO sample program.

Get the file from:

CD:\NAPDOS\PCI\PCI-1002\DLL_OCX\Demo

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1002/dll_ocx/demo/

3. Check number of the PCI-1002, and test DIO function.

The screenshot shows the 'DI/DO Demo' software window. It features a 'Digital Output Set' section with a grid of checkboxes for channels 0-7 and A-F. A 'Total Boards' field is set to 1. A 'Choose a Board Number to Active' dropdown is set to 0. There are 'Active' and 'Exit' buttons.

1. The one PCI-1002 had successfully installed to PC.

2. Select the board number for the PCI-1002. It starts from 0.

3. Click this button to do DIO test.

4. Get DIO function test result.

The screenshot shows the 'DI/DO Demo' software window after a test. The 'Digital Output Set' section has checkboxes for channels 0, 2, 4, and 6 checked. The 'Digital Input Status' section shows red lights for channels 0, 2, 4, and 6. There are 'Stop' and 'Exit' buttons.

4. Click the channel 0、2、4、6 in the DO.

5. DI show to channel 0、2、4、6 for high state. (Red light)

Complete

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Additional Information

✓ **PCI-1002 Series Card Product page:**

http://www.icpdas.com/products/DAQ/pc_based/pci_1002.htm

✓ **CA-2002(Optional) page:**

http://www.icpdas.com/products/Accessories/cable/cable_selection.htm

✓ **Documents:**

CD:\NAPDOS\pci\pci-1002>manual

<http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1002/manual/>

✓ **Software:**

CD:\NAPDOS\PCI\PCI-1002

<http://www.icpdas.com/download/pci/1002/index.htm>

The ICP DAS Web Site

<http://www.icpdas.com>



- Technical support
- Supplies and ordering information
- Ways to enhance your device
- FAQ
- Application story

Contact Us

Service@icpdas.com

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