

Language Version Update English V1.0 Oct.2008

# What's on your package?

- > One PCI-1202/1602/180x series card
- > One companion PCI CD (V3.6 or later)
- One Quick Start Guide(This document)



Follow those steps:

1. Setup the Windows driver.

You can get the driver from: *PCI-1202 :* CD:\NAPDOS\PCI\PCI-1202\DLL\_OCX\ http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1202/dll\_ocx/



# **3** Installing Hardware on PC

Follow those steps:

- 1. Shut down and power off your computer
- 2. Remove all covers from the computer
- 3. Select an empty 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.



JP1 : A/D Input Type Selection



J1 : D/A Reference Voltage Selection





## D/I Port Setting (PCI-1202HU/LU only)





Pull Low

## **O** Pin Assignments

➤ CON1: Digital Output connector.

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
17	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

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#### CON2: Digital Input connector.

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

### CN3: Single-Ended/Differential Input.

#### (For PCI-1202/1602/1802H/L/HU/LU)

6/0-
6/0-
7/1-
8/2-
9/3-
0/4-
1/5-
2/6-
3/7-
4/8-
5/9-
6/10-
7/11-
8/12-
9/13-
0/14-
1/15-
1

#### (For PCI-1800H/L)

Pin	Name	Pin	Name
1	Analog input 0/0+	20	Analog input 8/0-
2	Analog input 1/1+	21	Analog input 9/1-
3	Analog input 2/2+	22	Analog input 10/2-
4	Analog input 3/3+	23	Analog input 11/3-
5	Analog input 4/4+	24	Analog input 12/4-
6	Analog input 5/5+	25	Analog input 13/5-
7	Analog input 6/6+	26	Analog input 14/6-
8	Analog input 7/7+	27	Analog input 15/7-
9	Analog Ground	28	Analog Ground
10	Analog Ground	29	Analog Ground
11	N.C.	30	Analog output 0
12	N.C.	31	N.C.
13	PCB +12V	32	Analog output 1
14	Analog Ground	33	N.C.
15	Digital Ground	34	N.C.
16	N.C.	35	N.C.
17	External Trigger	36	N.C.
18	N.C.	37	N.C.
19	PCB +5V		

The detail pin assignments information. Please refer to : CD:\NAPDOS\PCI\PCI-1202/Manual/PCI-1202\_1602\_180x\_hardware\_manual.pdf

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1202/manual/pci-1202\_1602\_180x\_ha rdware\_manual.pdf



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



2. Run the PCI-1202/1602/180x sample program. Get the file from:

PCI-1202:

CD:\NAPDOS\PCI\PCI-1202/DLL\_OCX/Demo\ http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1202/dll\_ocx/demo/

PCI-1602:

CD:\NAPDOS\PCI\PCI-1602/DLL\_OCX/Demo\ http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1602/dll\_ocx/demo/

PCI-180x:

CD:\NAPDOS\PCI\PCI-180x/DLL\_OCX/Demo\ http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-180x/dll\_ocx/demo/ 3. Check number of the PCI-1202/1602/180x and test DIO function.



#### 4. Get DIO function test result.



## **Additional Information**

#### ✓ PCI-1202/1602/180x Series Card Product page:

http://www.icpdas.com/products/DAQ/pc\_based/pci\_1202.htm http://www.icpdas.com/products/DAQ/pc\_based/pci\_1602.htm http://www.icpdas.com/products/DAQ/pc\_based/pci\_1800.htm

#### ✓ CA-2002(Optional) page:

http://www.icpdas.com/products/Accessories/cable/cable\_selection.htm

#### ✓ Documents:

CD:\NAPDOS\PCI\PCI-1202\Manual (PCI-1602, PCI-180x) http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1202/manual/ (PCI-1602, PCI-180x)

#### ✓ Software:

CD:\NAPDOS\PCI\PCI-1202 (PCI-1602, PCI-180x) http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/pci-1202/ (PCI-1602, PCI-180x)

#### 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

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