

# USER MANUAL

## PCI Multi I/O Card

Ver: 1.0

All other company and product names are trademarks or registered trademarks of their respective owners.

## About the PCI I/O card

This PCI I/O card uses an all-in-one solution which provides superior performance and unmatched data transfer rates. The most advanced feature is it uses of a single interrupt, which is set automatically by the host system and share among all on-board I/O ports.

◇Windows®2000/XP/Server2003/Vista

◇Pentium or equivalent notebook computer with available PC Card slot

## Hardware Installation

1. Turn off your computer and connect all devices to it.
2. Remove the computer's cover. Refer to your computer user manual for more details.
3. Find an unused PCI slot and remove the metal bracket. Keep the bracket screw for later use.
4. Align the card horizontally with respect to the PCI slot and insert it into the slot. Once you have properly positioned the PCI I/O card into the slot. Secure the PCI I/O card with the bracket screw you have saved.
5. Replace the computer's cover
6. Turn your computer on. You are now ready to install the driver!

## Driver Installation

### Driver locations

All the drivers for the following PCI I/O card are in these directories of the driver CD.

2S/2S1P/4S/1P :/8X5

#### For Windows® 2000

1. At the **Found New Hardware Wizard**, click **Next**.
2. Select **Search for a suitable driver for my device (recommended)**, and click **Next**.
3. Check **Specify a location**, uncheck the other boxes, then click **Next**.
4. Insert the Driver CD, type in D:\8X5\Win2K\_XP\_2003Server, then click **OK**. (Change D: to match your CD-ROM driver letter)
5. Click **Next** and **Finish**.
6. Restart Windows to complete the installation.

#### For Windows® XP

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.
2. Insert the Driver CD, check **Include this location in the search**, uncheck the other box, type in D:\8X5\Win2K\_XP\_2003Server, then click **OK**. (Change D: to match your CD-ROM drive letter)
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.
4. Repeat steps 1-3 four more times.

1

5. Restart Windows to complete the installation.

#### For Windows® Server 2003

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.
2. Insert the Driver CD, check **Include this location in the search**, uncheck the other box, type in D:\8X5\Win2K\_XP\_2003Server, then click **OK**. (Change D: to match your CD-ROM drive letter)
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.
4. Repeat steps 1-3 four more times.
5. Restart Windows to complete the installation.

#### For Windows® Vista

1. At the **Found New Hardware Wizard**, select **Locate and install driver software (recommended)**.
2. Click on **I don't have the disc. Show me other options**.
3. Select the option **Browse my computer for driver software (advanced)**.
4. Insert the driver CD, check **Include subfolders**, type in D:\8X5\Vista32, then click **Next**. (Change D: to match your CD-ROM drive letter).
5. If the system prompts the user informing the drivers are not signed, select the option **Install this driver software anyway**.
6. Click on **Close** to complete the driver installation.

## To Verify Windows® Driver Installation

1. Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Click on the + (plus sign) in front of **Ports(COM & LPT)**, two **Hi-Speed PCI Serial Port ...** and one **Hi-Speed PCI Parallel Port ...** should be displayed.
3. Double click **Multifunction adapters, Hi-Speed PCI Multi-I/O Controller** should be displayed.

## Change COM Port Address

Some serial devices need a specific COM port in order to work. If your serial devices work properly, do not change this settings.

#### For Windows® 2000/XP/Server 2003/Vista Installation

1. From the **Device Manager** window double click **Ports(COM & LPT)**, then double click the **...PCI Serial Port** you want to change.
2. Click **Settings** tab and click **Advanced**.
3. Click the down arrow that is next to the **COM Port** Number box, select a COM port that is not in use, then click **OK**.
4. Click **OK**, then close **Device Manager** to save the changes. Follow steps 1-4 again to change the second serial port if needed. Change **Parallel Port Address**, Some parallel devices need a specific parallel port in order to work. If your parallel devices works properly, do not change this settings.

#### For Windows® 2000/XP/Server 2003/Vista Installation

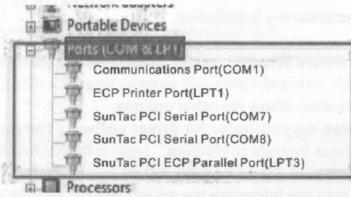
1. From the **Device Manager** window double click **Ports(COM & LPT)**, then double click the **Hi-Speed PCI Parallel Port ...**

2

2. Click Port **Settings** tab.
3. At the **LPT Port Number** box, click the down arrow and select an LPT port that is not in use.
4. Click **OK**, then close **Device Manager** to save the changes.

### Verifying Driver Installation

8X5 device detection and driver installation can be confirmed from Device Manager. For Example, Proper detection of the 8X5 PCI Card (2 Serial + 1 Parallel) can be confirmed by



### Installation DOS Driver

The following procedures explain how to install 8X5 serial and parallel I/O ports on DOS.

Step 1: Copy "mtdosin.exe" to 'C:\' Drive from Floppy. The command is "copy a:\mtdosin.exe c:\"

Step 2: type "mtdosin -a -r" and press Enter. (-a is used for adding 8X5 ports). On Successful installation, information is displayed as below:

```

Found Suntac Technology pci device 6872(o)
Serial Port1 at 3EB
Serial Port2 at 2EB
PrinterPort1 at 278
Detected 1 PCI device(s)
-----
COM1 exists at 3FB
COM2 exists at 2FB
COM3 exists at 3EB(IRQ11)
COM4 exists at 2EB(IRQ11)
LPT1 exists at 378
LPT2 added at 278 (IRQ 11)
  
```

### Packages

1. PCI I/O card
2. Driver CD
3. User manual
4. Bracket with COM ports(subject to different models)