How to reinstall the eboot by a download cable

Applies to:

Platform	OS version	WinPAC/ViewPAC utility version
WP-8x3x	All versions	All versions
WP-8x4x	All versions	All versions
VP-25W1	All versions	All versions
VP-23W1	All versions	All versions
VP-23W1	All versions	All versions

If the WinPAC/ViewPAC can not boot and OS can not be updated by the EShell, the eBoot may be damaged or lost. Then you have to use the download cable to re-install the eBoot. When the eBoot is installed well, the EShell will be able to communicate with the eBoot to update the OS through the Ethernet.

To update the eboot by a download cable, perform the following steps:

Step 1: Download the "Update_Eboot_Tool" folder from CD: \napdos\wp-8x4x_ce50\pc_tools\ or ftp://ftp.icpdas.com.tw/pub/cd/winpac/napdos/wp-8x4x_ce50/pc_tools/ and the latest version of the eboot to the "Update_Eboot_Tool" folder.

Tips & Warnings

⚠️ The location of latest version of eBoot for difference devices:

1. WP-8x4x is in CD:\napdos\wp-8x4x_ce50\os_image\eboot\ or
   ftp://ftp.icpdas.com.tw/pub/cd/winpac/napdos/wp-8x4x_ce50/os_image/eboot/
2. WP-8x3x is in CD:\napdos\wp-8x3x_ce50\os_image\eboot\ or
   "ftp://ftp.icpdas.com.tw/pub/cd/winpac/napdos/wp-8x3x_ce50/os_image/eboot/"
3. VP-25W1 is in CD:\napdos\vp-2000_ce50\os_image\vp-25w1\eboot\ or
   "ftp://ftp.icpdas.com.tw/pub/cd/winpac/napdos/vp-2000_ce50/os_image/vp-25w1/eboot/"
4. VP-23W1 is in CD:\napdos\vp-2000_ce50\os_image\vp-23w1\eboot\ or
   "ftp://ftp.icpdas.com.tw/pub/cd/winpac/napdos/vp-2000_ce50/os_image/vp-23w1/eboot/"

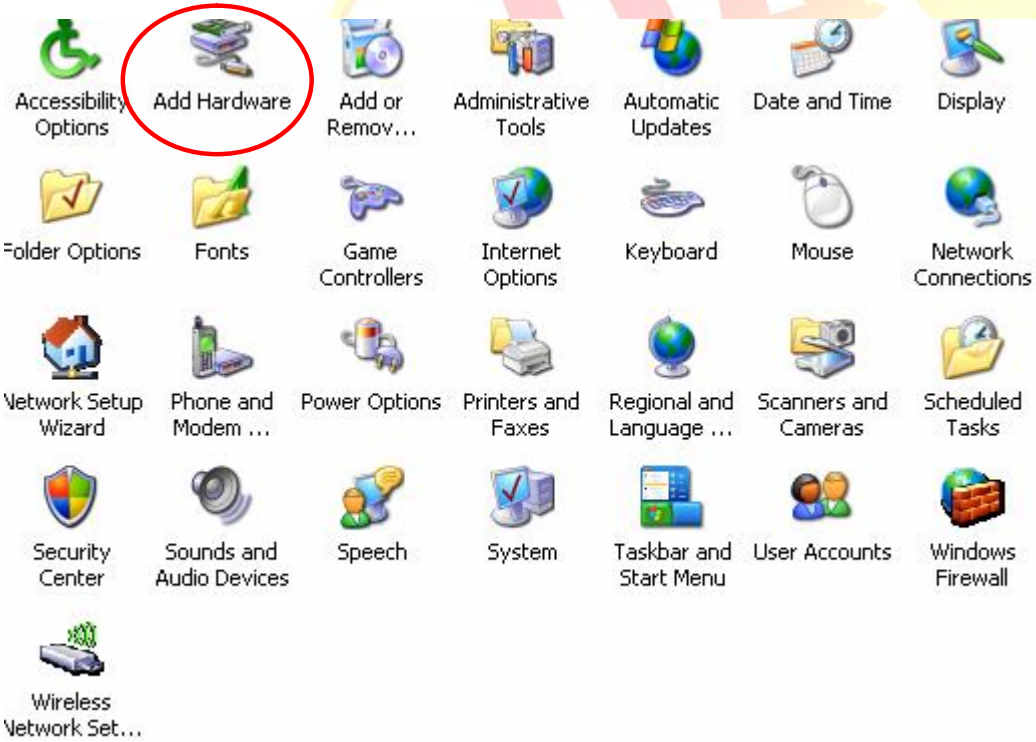**Step 2: Install "**Giveio".
Copy the "Giveio.sys" from the "Update_Eboot_Tool" folder to the "c:\windows\system32\drivers" folder.
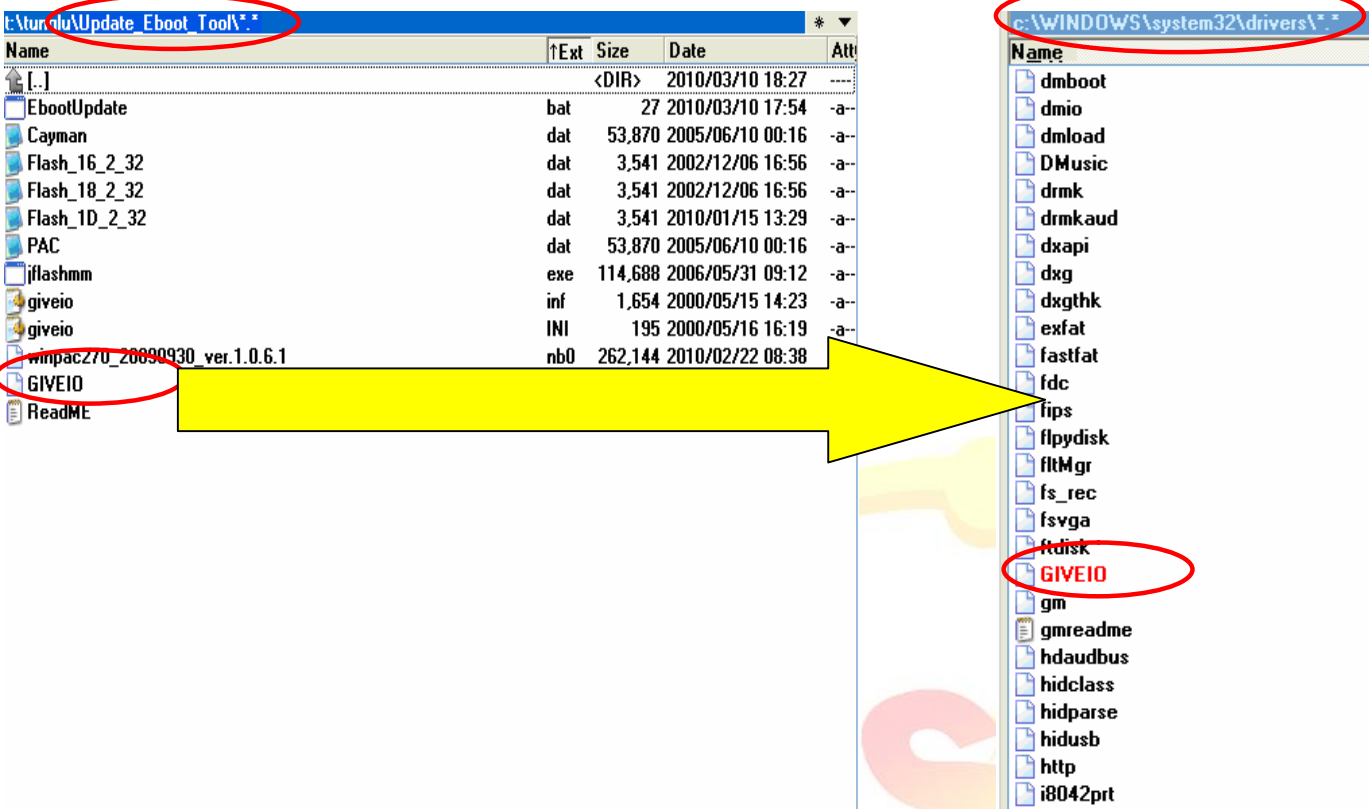
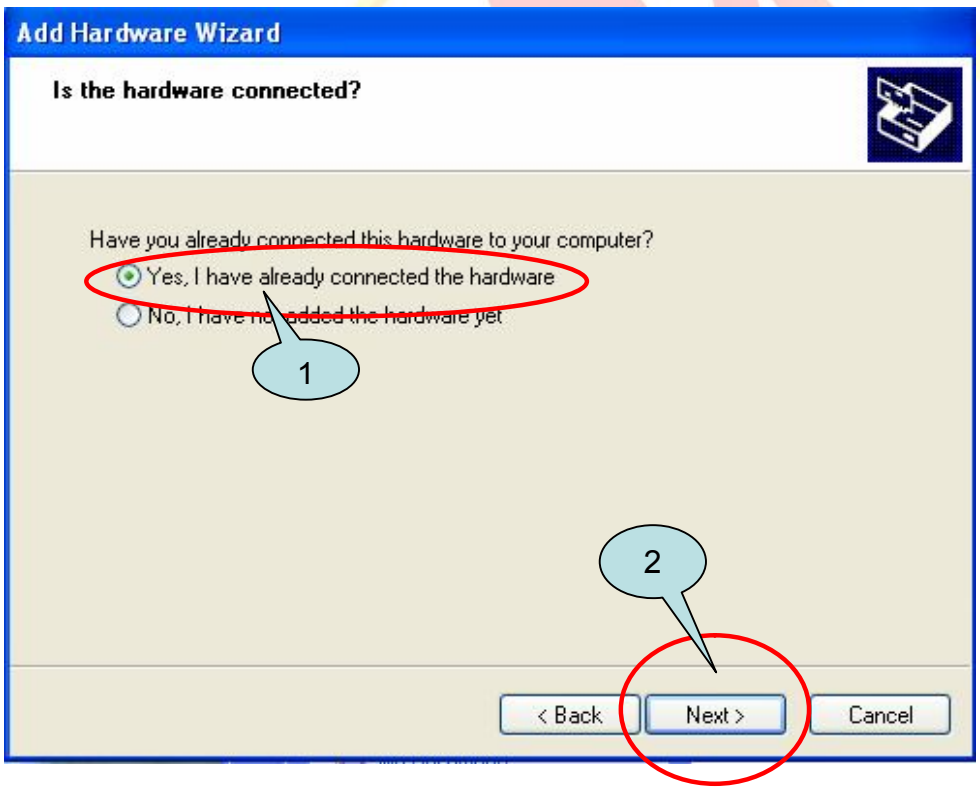**Step 3: Go** to the Control panel and click the "Add Hardware" icon.

Step 4:

Step 5:

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Step 6:
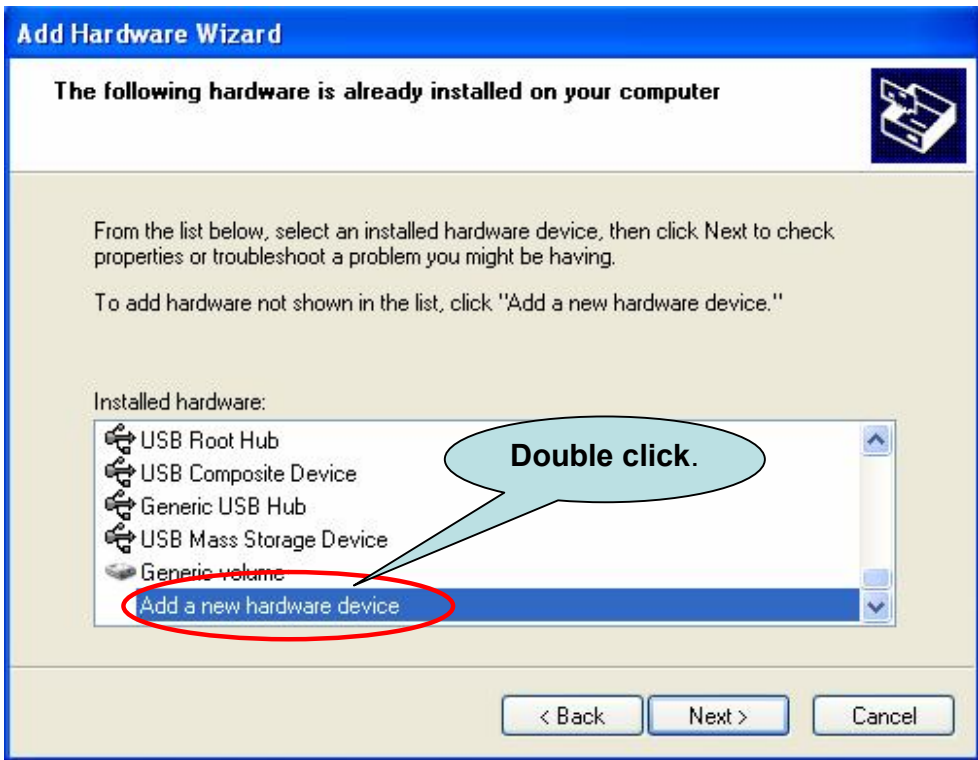
Step 7:
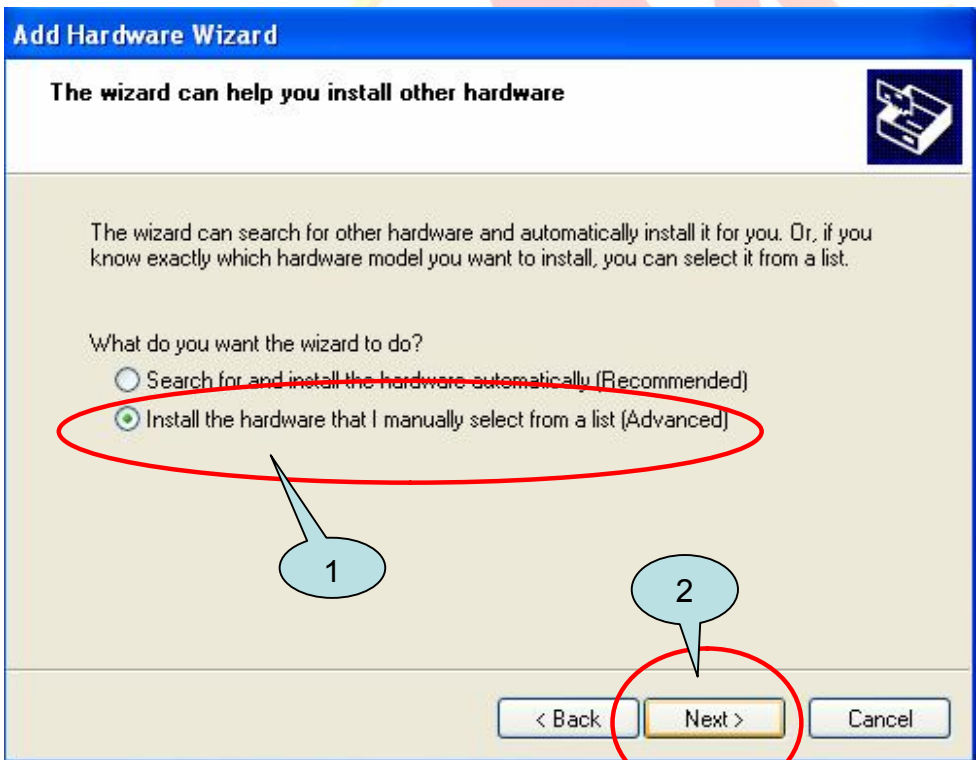
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Step 8:
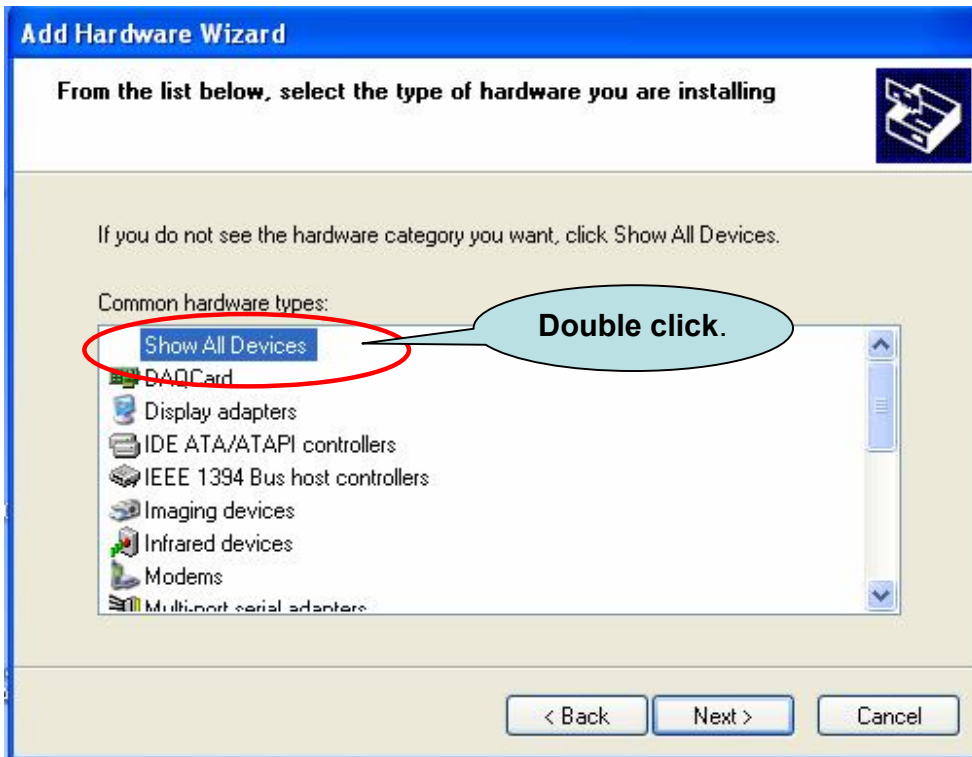
Step 9:
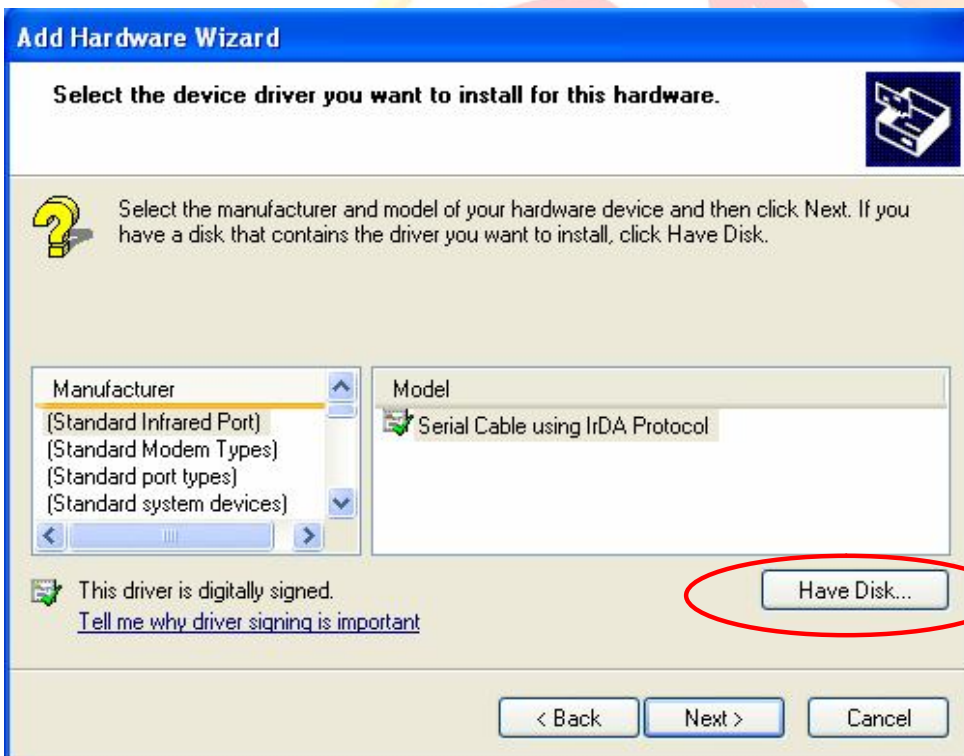
9.1: Click the "Browse" button to the "**Update_Eboot_Tool**" folder and click "**giveio.inf**".

9.2:

9.3:

Step 10:

Step 11:

Step 12:

12.1: Run Device Manager and you can see the "giveio" device in Ports (COM&LPT).
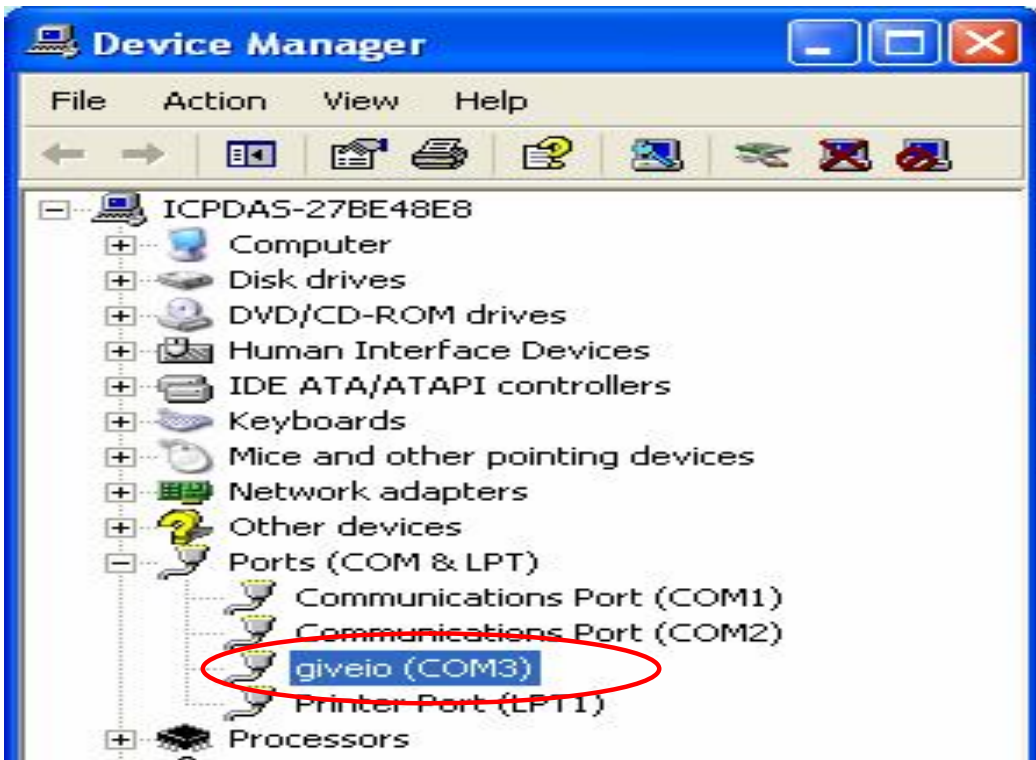
12.2: Connect the PC and WinPAC/ViewPAC by the download cable.
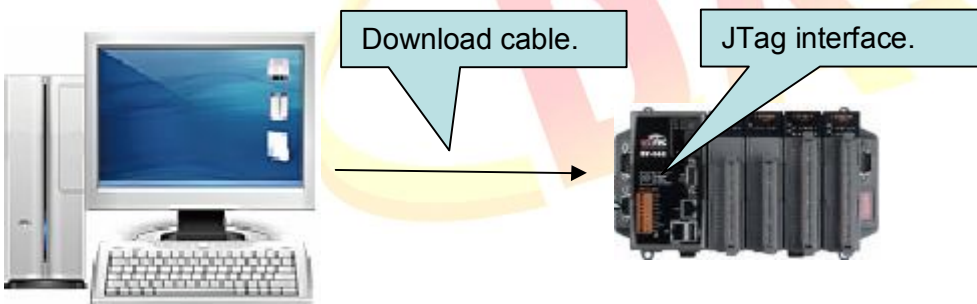
Download cable.

JTag interface.

Tips & Warnings

⚠ **Pin assignment of the download cable**

Connect to the PC (LPT port).

Connect to the WinPAC/ViewPAC JTag interface.
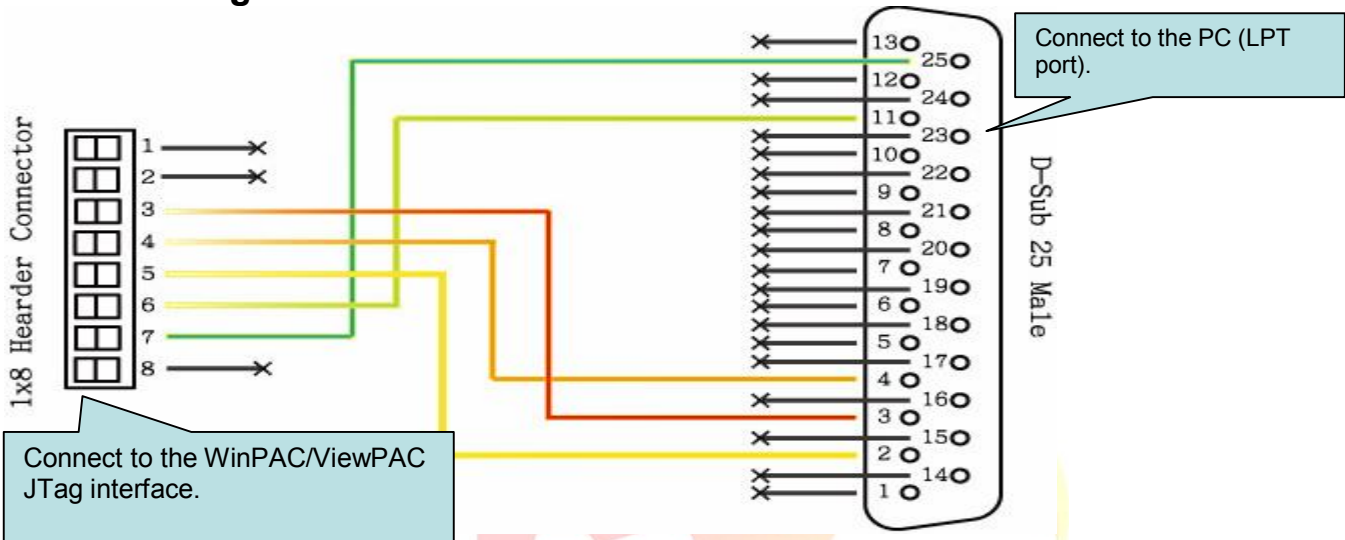
⚠ **JTag interface on different devices.**

WP-8x4x JTag interface
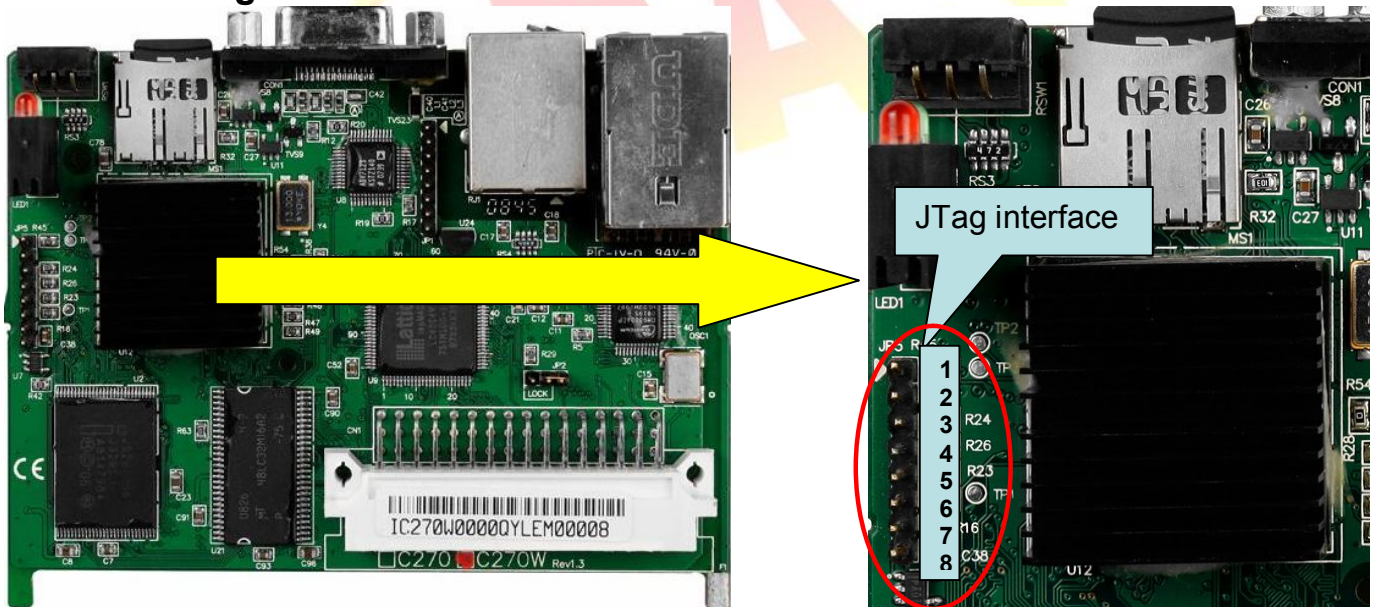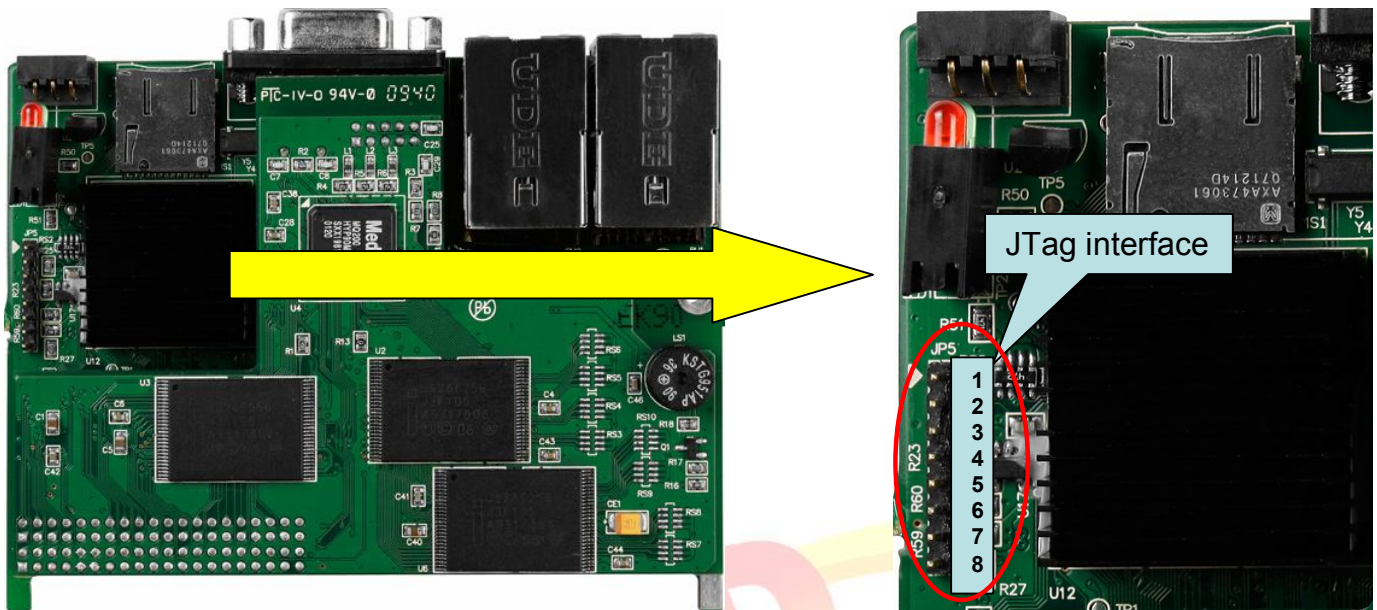
JTag interface

WP-8x3x JTag interface

JTag interface

ViewPAC JTag interface
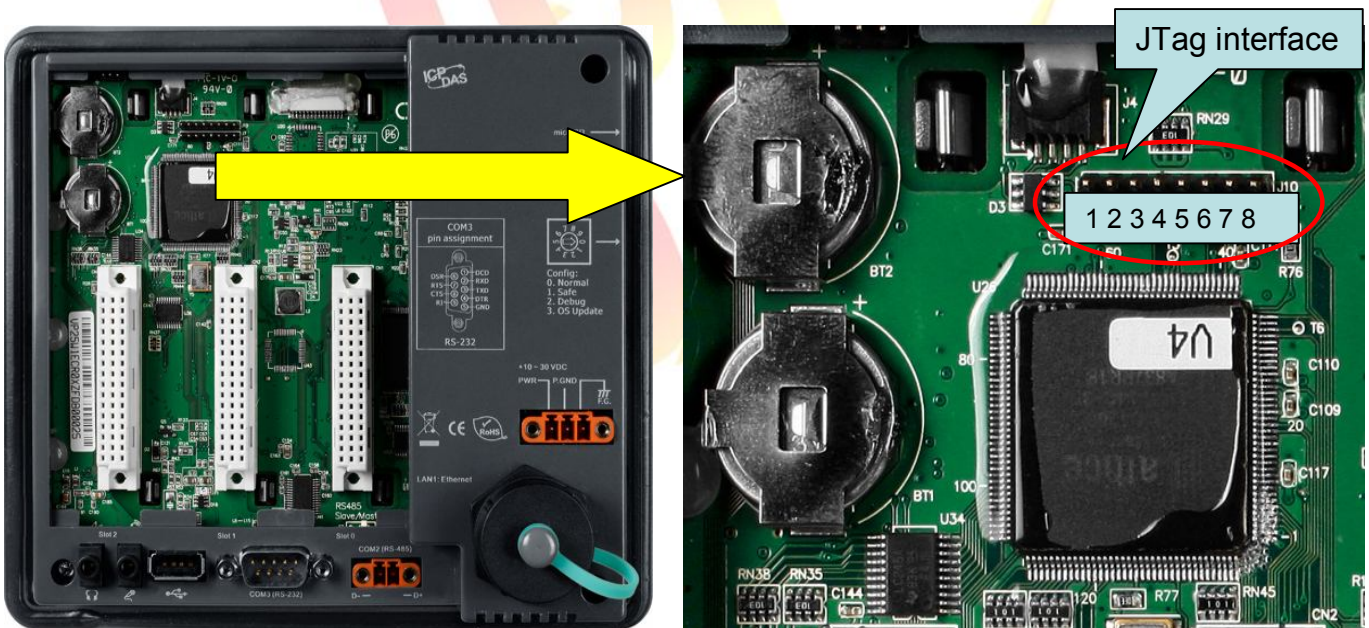
JTag interface

Step 13: Click start->Run
13.1: Enter "cmd" and click "Yes".
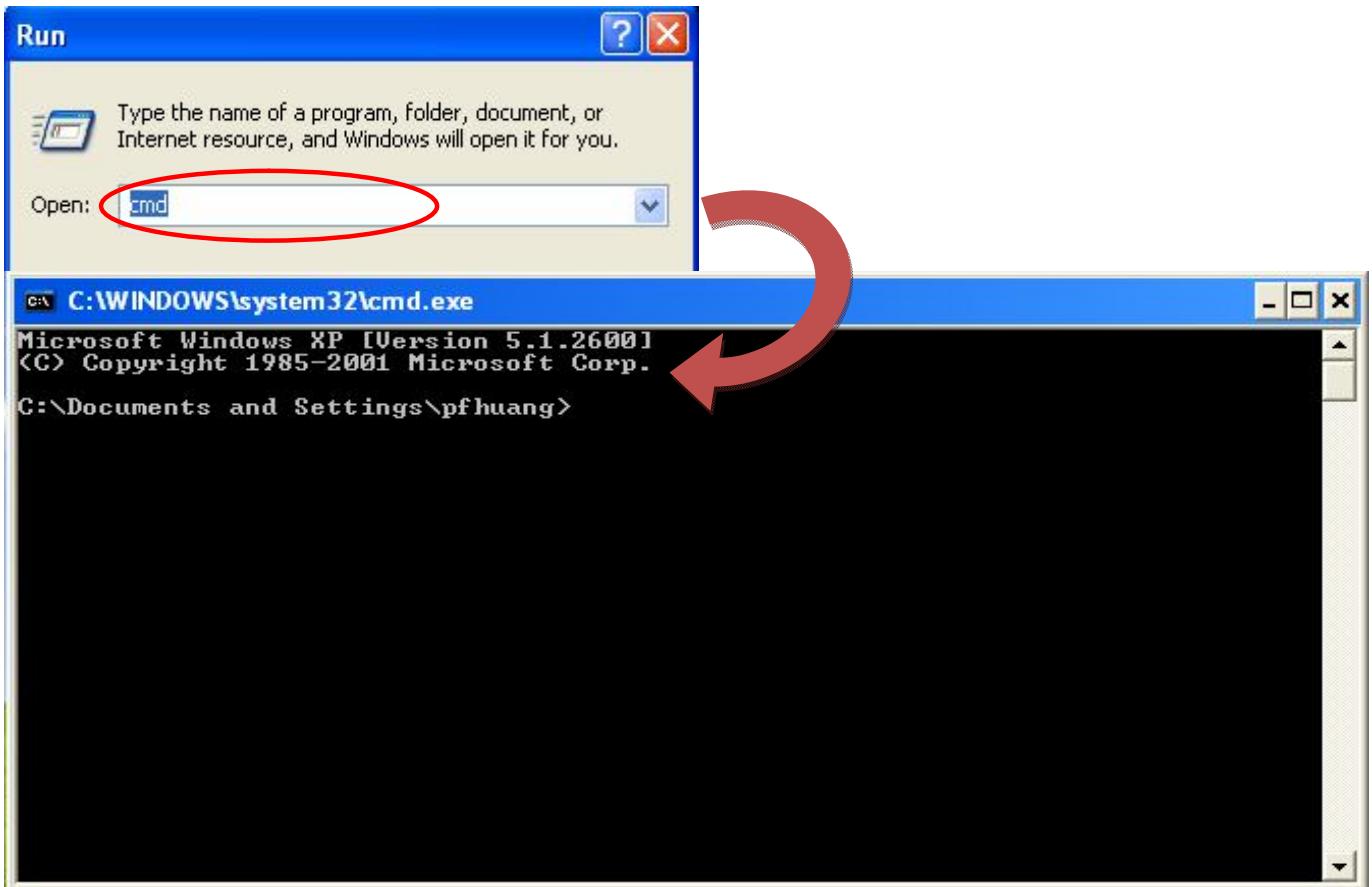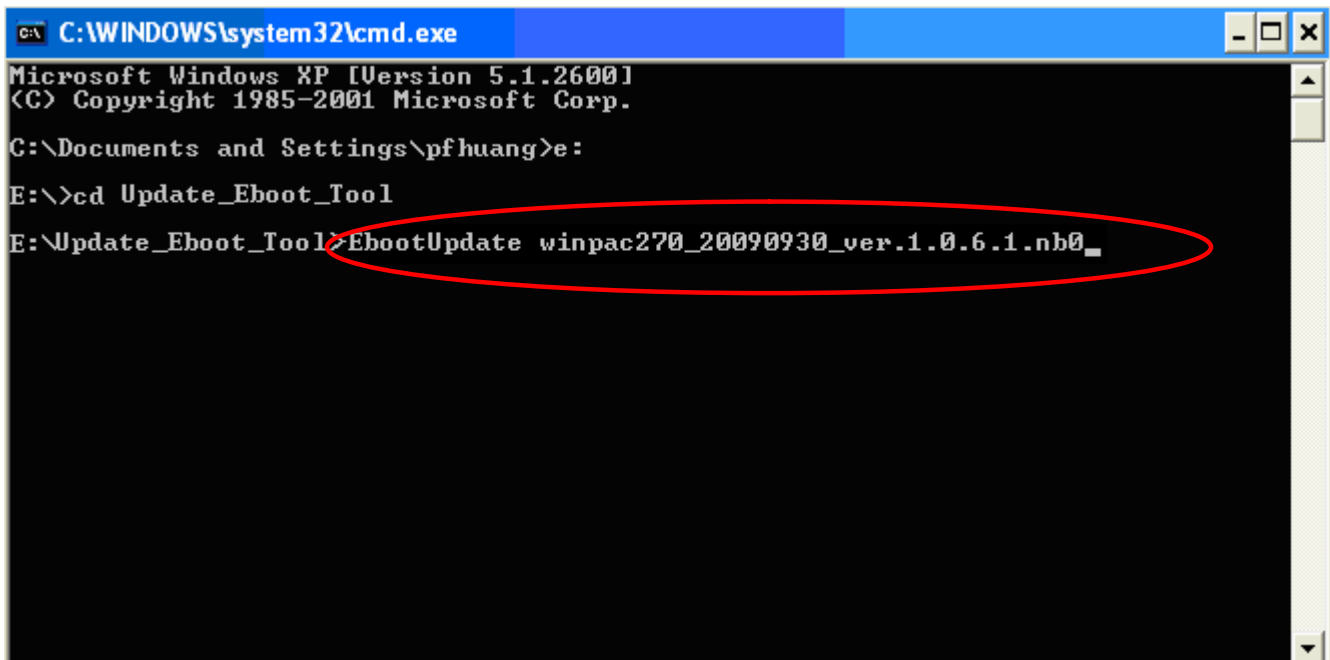
Step 14: Go to the "Update_Eboot_Tool" folder.
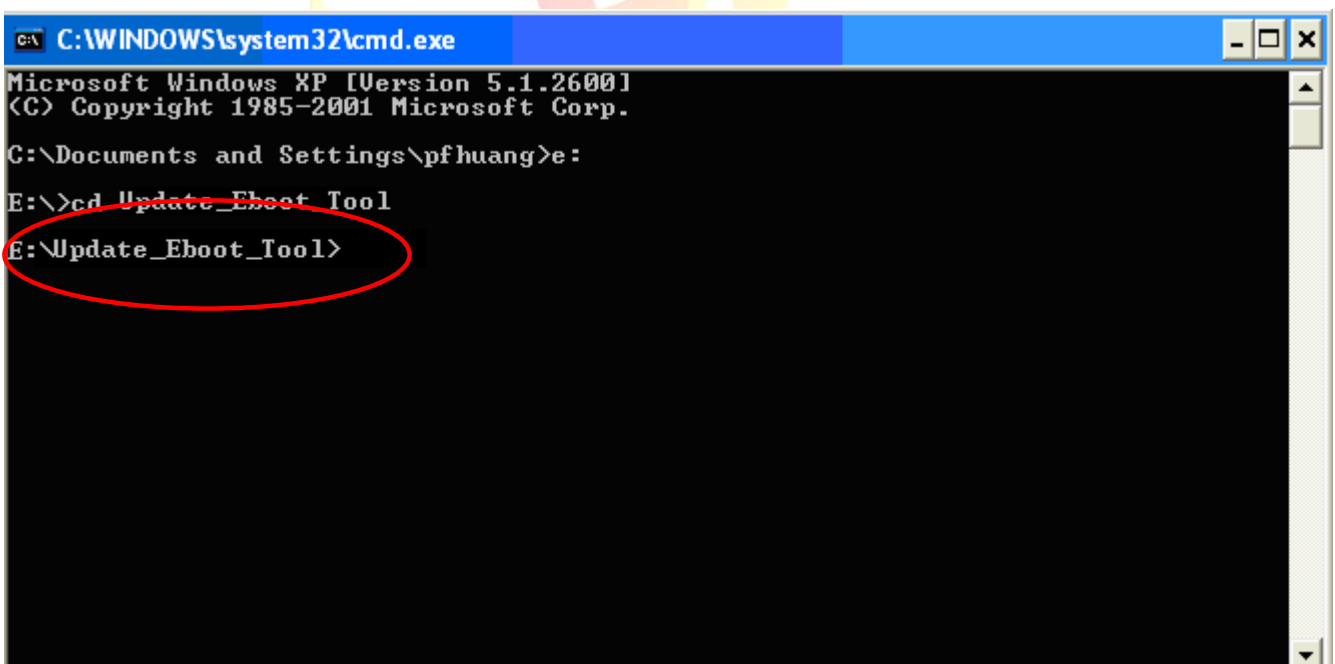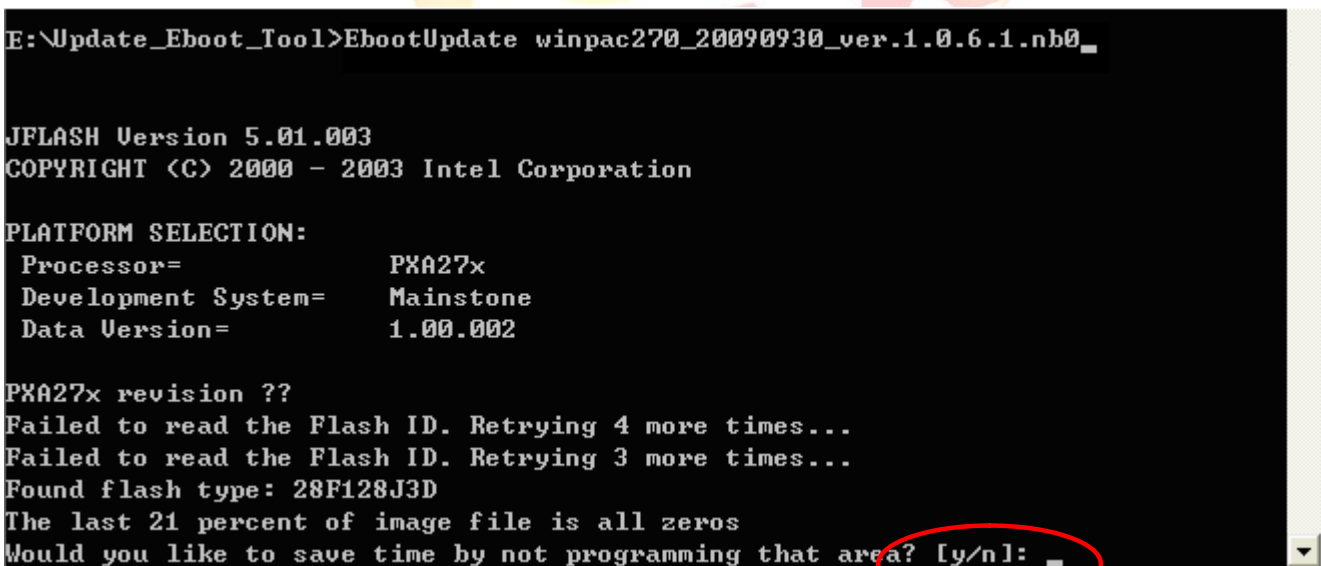
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Step 15: Enter "EbootUpdate The name for the eboot update package (Example: winpac270_20090930_ver.1.0.6.1.nb0)".

Step 16: Press "Y" and wait.

Step 17: When you **see** "Programming done".
Reboot WinPAC/viewPAC in boot mode "3" and reinstall the OS image by the Eshell.

⚠ Please refer "W4-01-02_how_to_update_OS_image_by_Eshell.pdf" for detailed steps.

```
C:\WINDOWS\system32\cmd.exe                                    _ □ ×

Erasing block at address 0
Error, Block erase timed out

E:\Update_Eboot_Tool>EbootUpdate winpac270_20090930_ver.1.0.6.1.nb0_


JFLASH Version 5.01.003
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PLATFORM SELECTION:
 Processor=              PXA27x
 Development System=     Mainstone
 Data Version=           1.00.002

PXA27x revision ??
Found flash type: 28F128J3D
The last 21 percent of image file is all zeros
Would you like to save time by not programming that area? [y/n]: y
Erasing block at address 0
Starting programming
Using BUFFER programming mode...
Writing flash at hex address     32ac0, 99.35% done
Programming done

E:\Update_Eboot_Tool>
```