

AX88772 Windows Driver Update User Guide

Revision 1.1
Apr. 13, 2007

Revision History

Revision	Date	Description
1.0	2006/10/25	New release.
1.1	2007/4/13	Add more information in Section 2.

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1. Background

Thanks for using ASIX's AX88772 USB to Ethernet solution. AX88772 drivers are qualified with ASIX's AX88772 demo board. Some users reported an AX88772 Windows driver blue screen issue during running the Windows Driver Verifier function. The latest AX88772 drivers have been modified to work around this issue. Users can download the latest AX88772 Windows driver from AX88772 Driver Download web site

(<http://www.asix.com.tw/download.php?sub=driverdetail&PItemID=86>) to solve this issue.

Note:

1. ASIX's AX88772 Windows drivers are only supported ASIX's Vendor ID (0B95h) and Product ID (7720h). If ASIX's drivers couldn't work with your AX88772 device, please contact the manufacture of your AX88772 device to get a correct driver.
2. Some of users received a Windows Blue-screen error report from Microsoft for AX88772 Windows driver update. Please download the latest AX88772 Windows driver to solve this issue and visit the following web site (http://www.asix.com.tw/AX88772_DriverVerifier_fix.php) for details if necessary.
3. Users should download a correct AX88772 32-bit or 64-bit Windows driver based on Windows 32-bit or 64-bit system. That means Windows 32-bit system should install AX88772 32-bit driver, and Windows 64-bit system should install AX88772 64-bit driver.



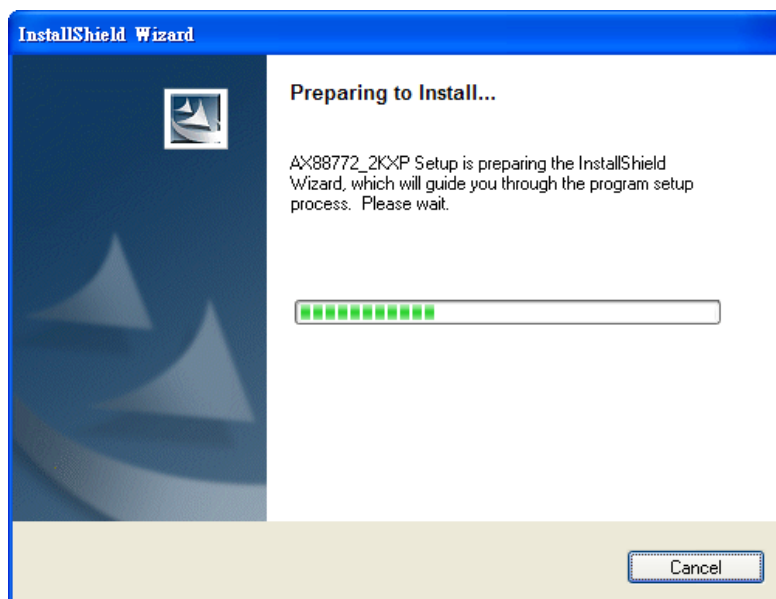
Figure 1. ASIX's AX88772 Demo Board

2. Solution

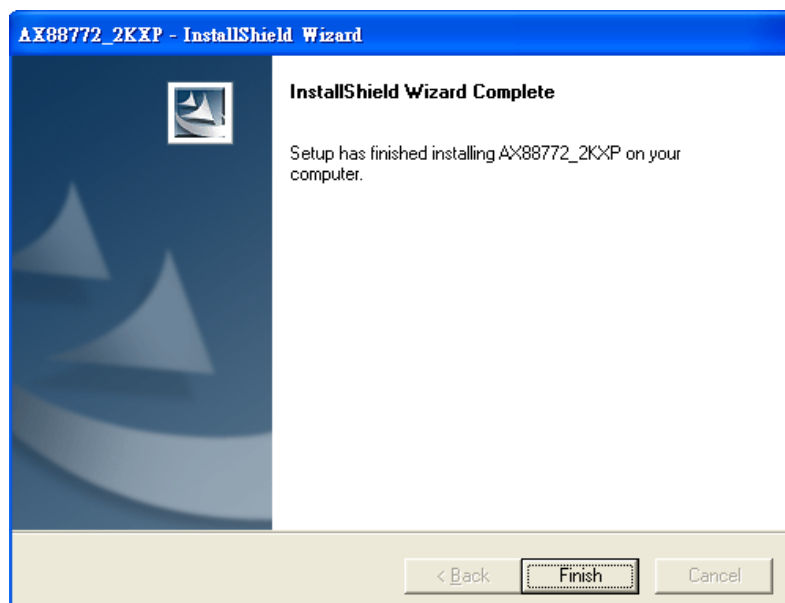
2-1. AX88772 Windows Driver Setup Program

Please download AX88772 Windows driver setup program from AX88772 Driver Download page (<http://www.asix.com.tw/download.php?sub=driverdetail&PItemID=86>) and follow below procedures to update AX88772 Windows driver on your platform. The following is an example of AX88772 WinXP/2K driver setup program for users' reference.

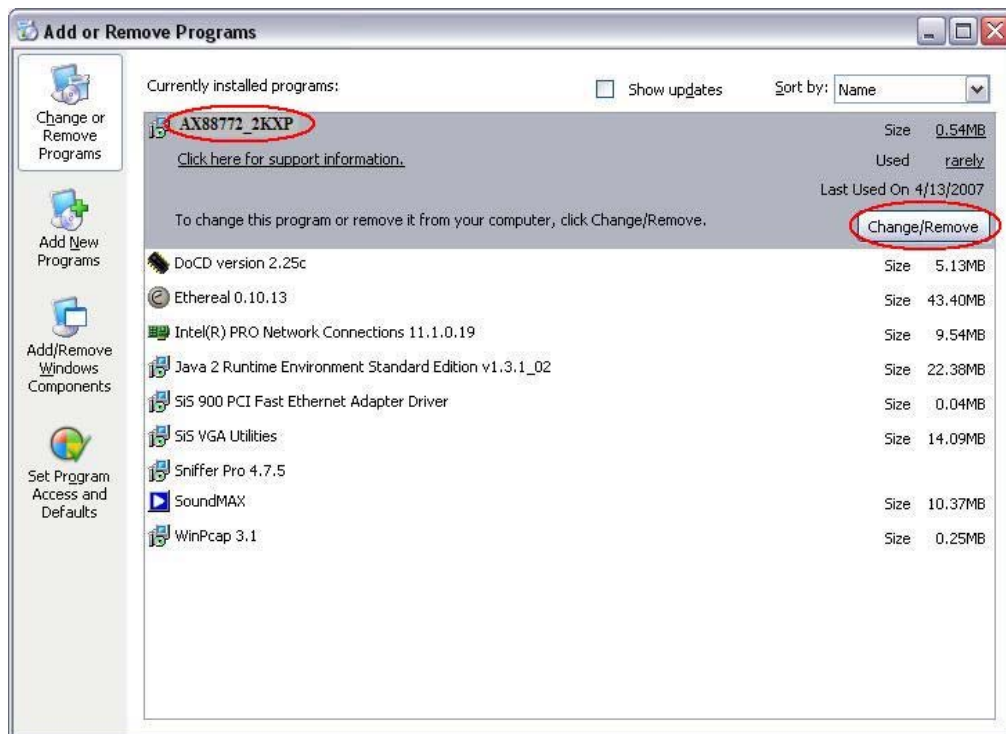
1. Run AX88772 WinXP/2K driver setup program (i.e. setup.exe) to start AX88772 driver installation.



2. The setup program will auto-install AX88772 WinXP/2K driver on your platform and the driver should work fine now after seeing below driver installation completion message.



3. Users can uninstall the AX88772 driver package from the following “Add or Remove Programs” dialog if necessary.



2-2. Manually Windows Driver Update

Please follow below procedures to update the revised AX88772 Windows driver on your platform.

1. There are different action items in this step. That is dependent on below different scenarios.
 - (a) If your AX88772 device is a removable dongle adapter, please remove the AX88772 dongle from the USB port of your PC.
 - (b) If you have a cradle/docking station with AX88772 inside, please remove the cradle/docking station from the PDA/Notebook.
 - (c) If AX88772 is allocated at your PC inside, please disable the USB function from the BIOS setting of your PC. (Refer to the PC User Manual for the detailed BIOS setting.)
2. Boot up your PC/Notebook/PDA to Windows system.
3. Copy the new AX88772 Windows driver (AX88772.SYS) to the Windows system driver default folder. (e.g. C:\WINDOWS\system32\drivers for WinXP platform) to overwrite the previous AX88772 driver. If you still couldn't find a correct folder, please search the "AX88772.SYS" file in your computer to find a correct folder.
4. There are different action items in this step. That is dependent on below different scenarios.
 - (a) If your AX88772 device is a removable dongle adapter, please insert the AX88772 dongle to the USB port of your PC.
 - (b) If you have a cradle/docking station with AX88772 inside, please install the cradle/docking station to your PDA/Notebook.
 - (c) If AX88772 is allocated at your PC inside, please enable the USB function from the BIOS setting of your PC. (Refer to the PC User Manual for the detailed BIOS setting.)
5. Everything should work fine now.

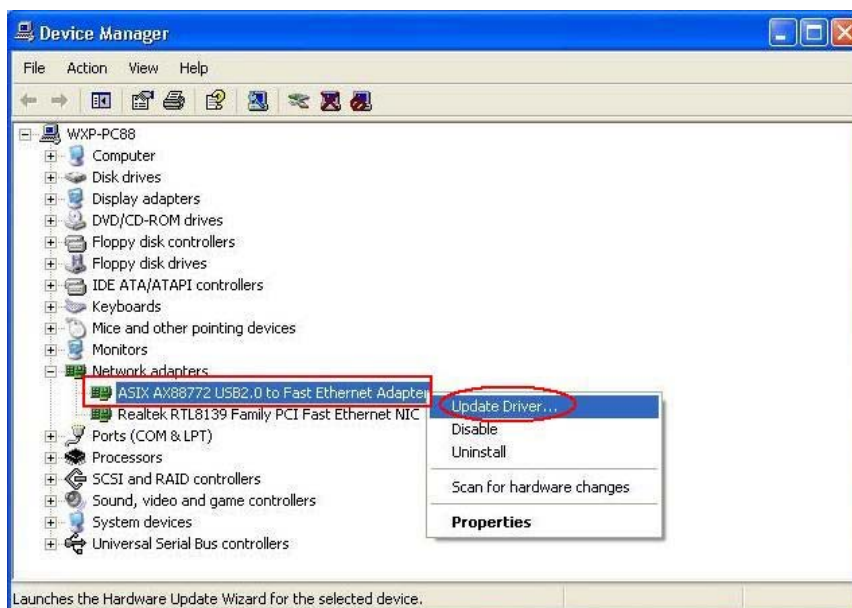
2-3. Standard Windows Driver Update

The following is an example to update AX88772 Windows driver on Windows XP platform for users' reference. These are standard Windows driver update procedures. Please refer to Microsoft related document to update the driver if necessary.

Step #1. Select "System" from Control Panel.



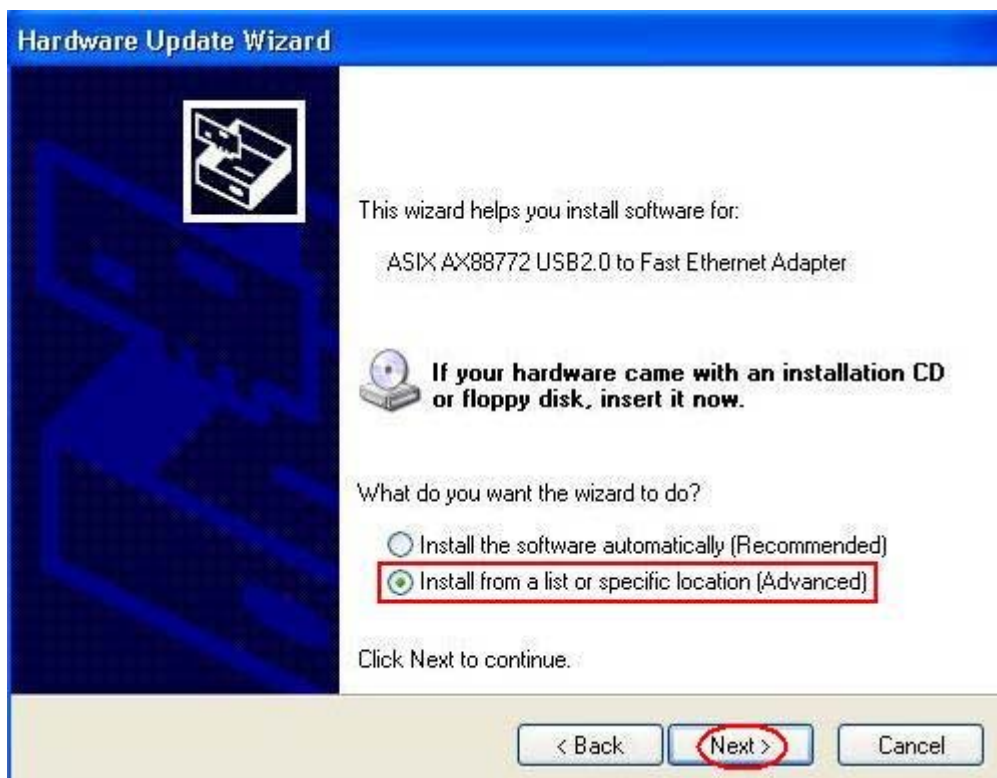
Step #2. Select "Update Driver..." to update the new AX88772 driver.



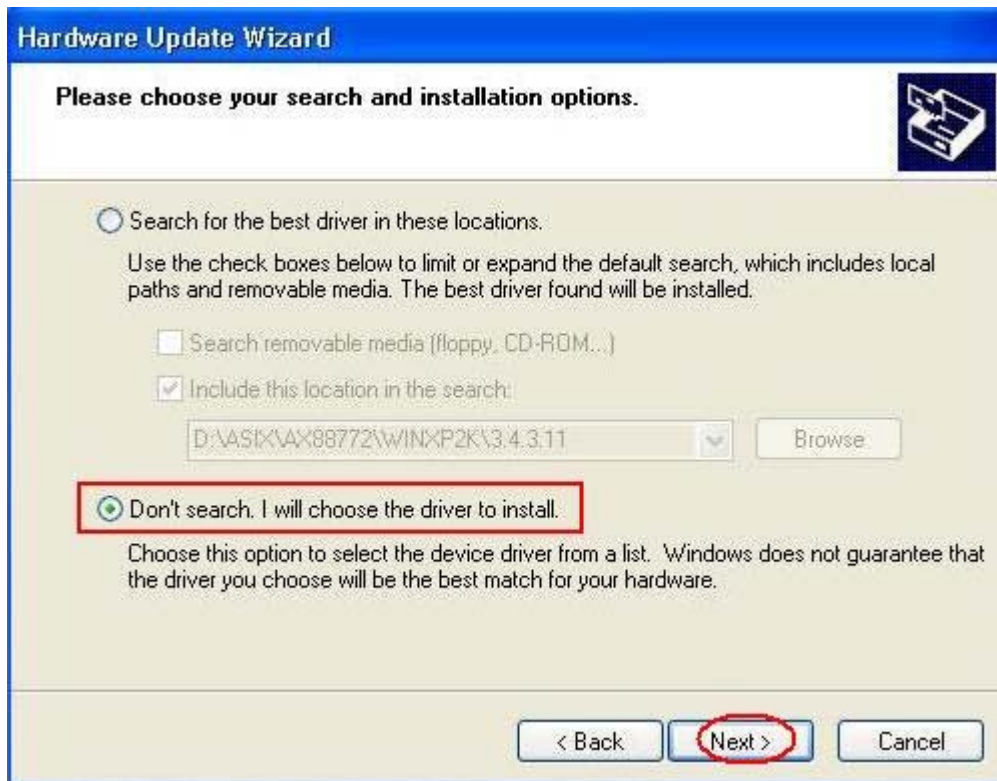
Step #3.



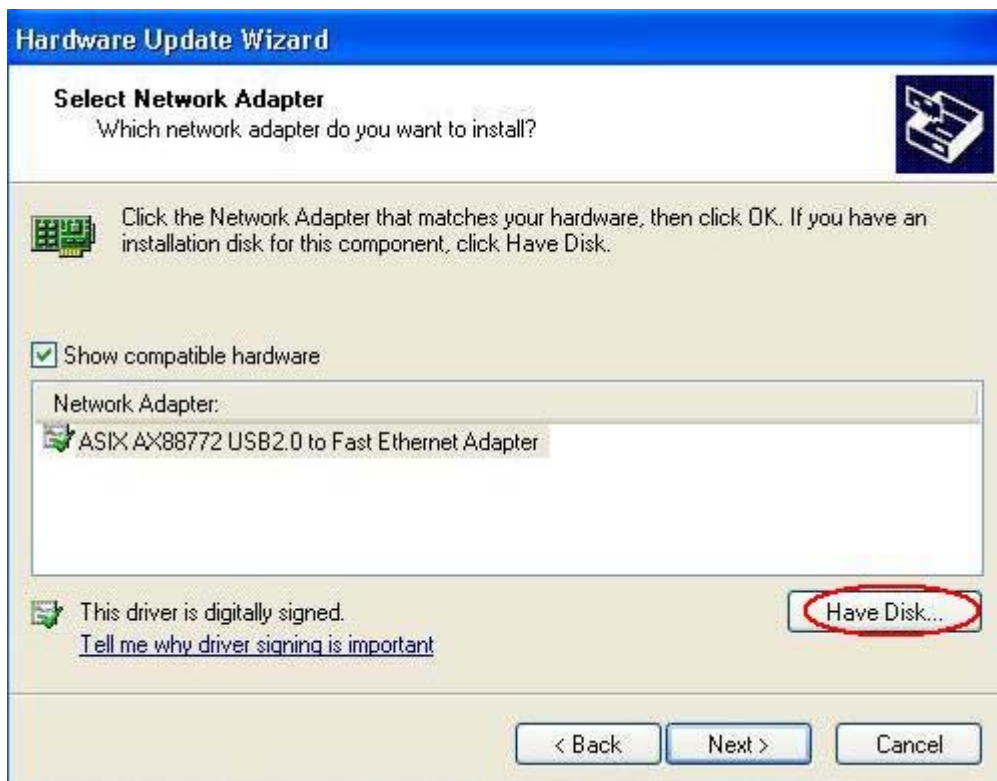
Step #4.



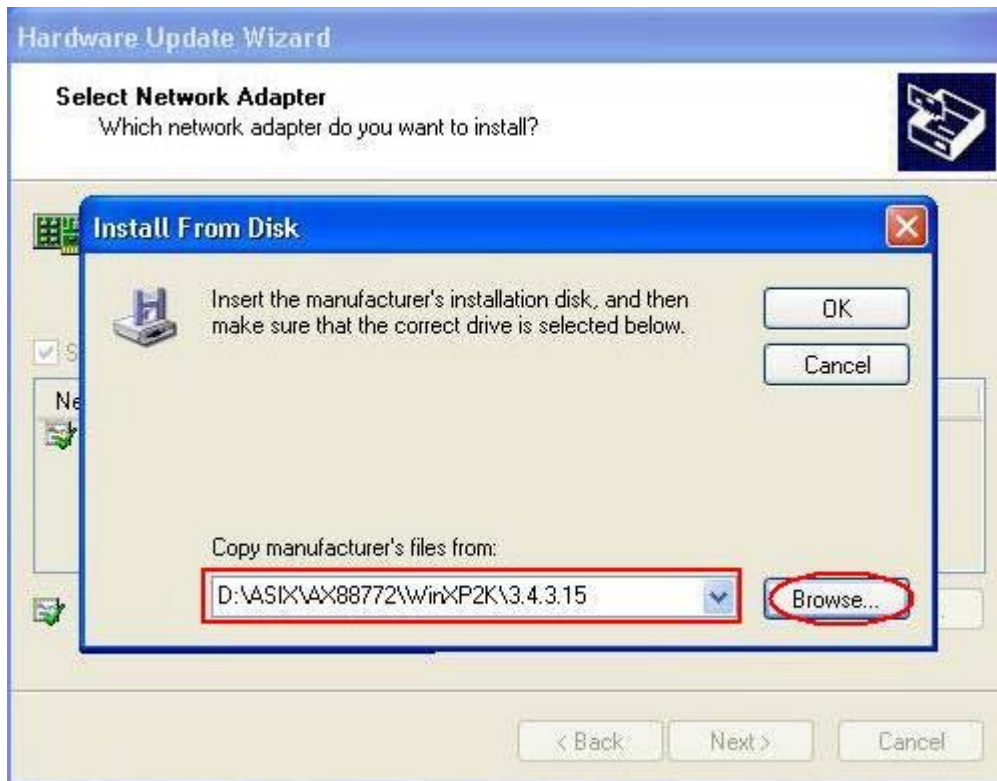
Step #5.



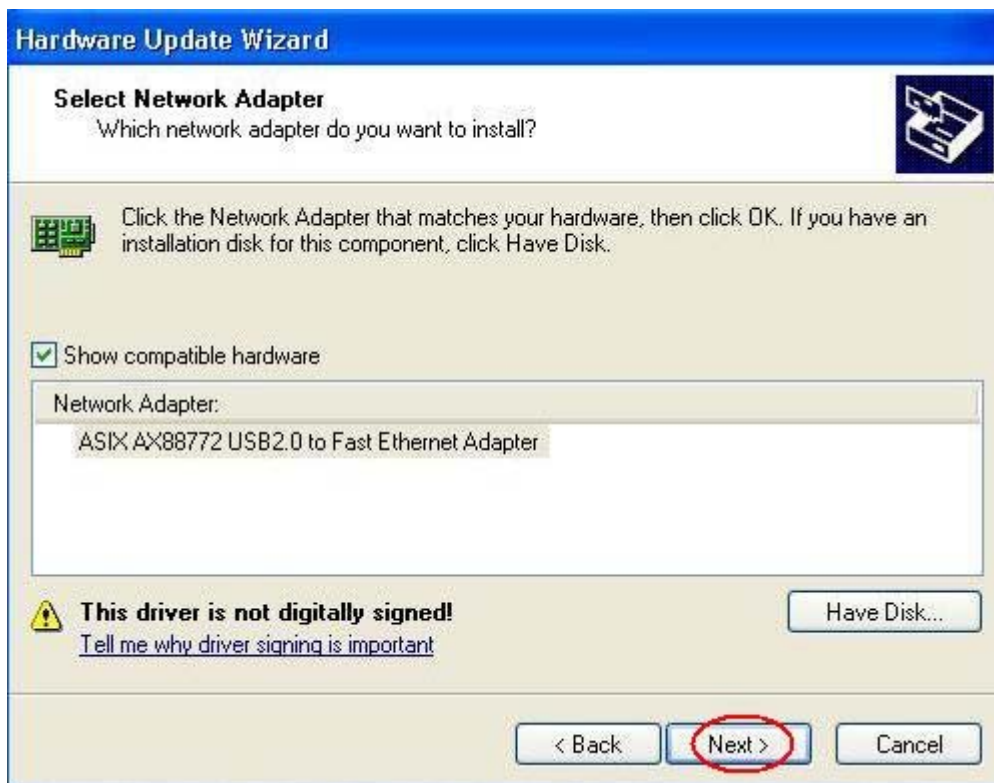
Step #6.



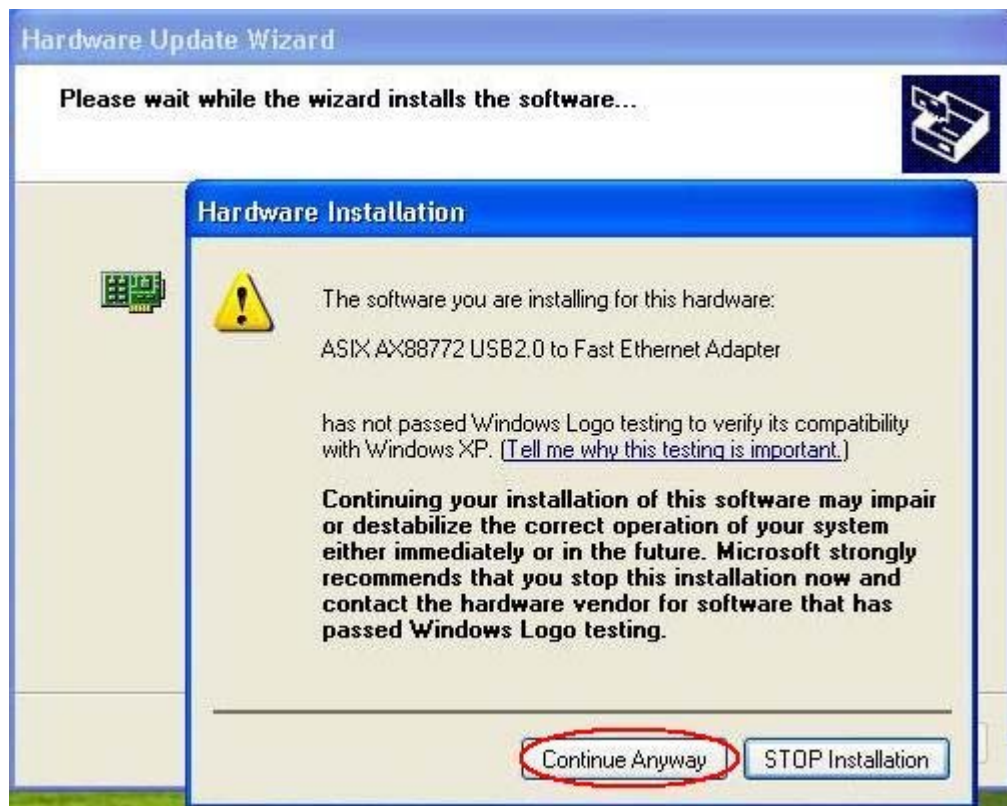
Step #7. Select a correct subdirectory the revised AX88772 driver is allocated.



Step #8.



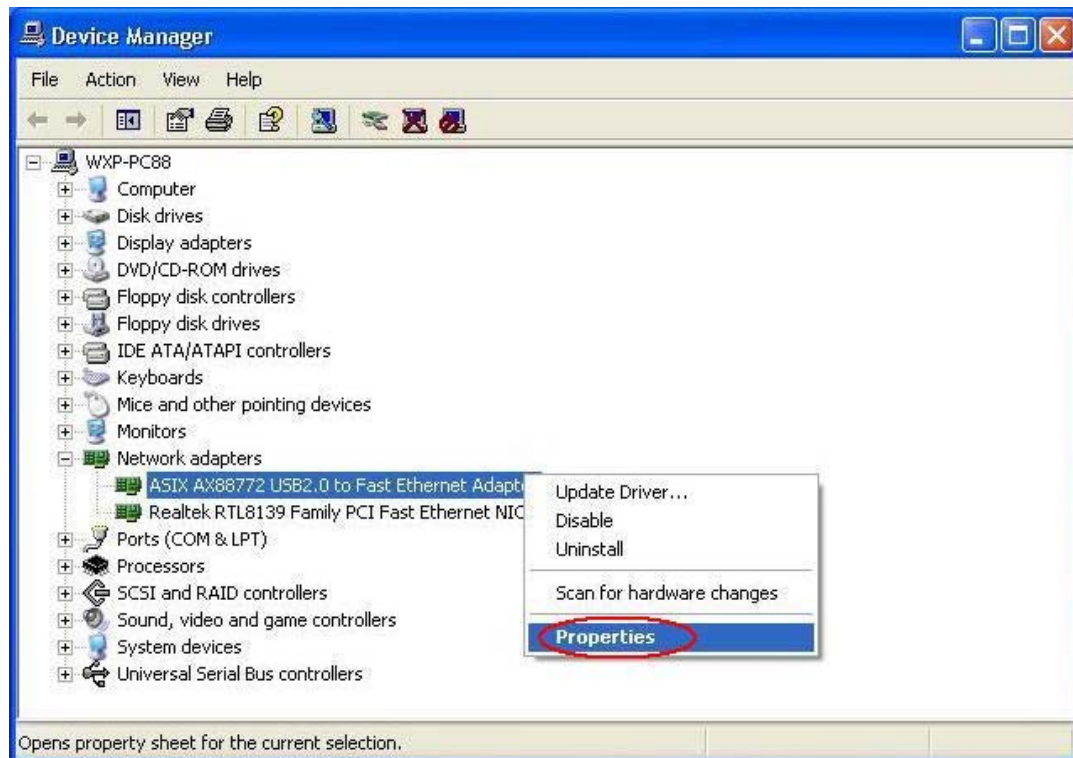
Step #9. The following warning message will be displayed only if the updated driver is non-WHQL signed driver. (i.e. no valid driver .cat file)



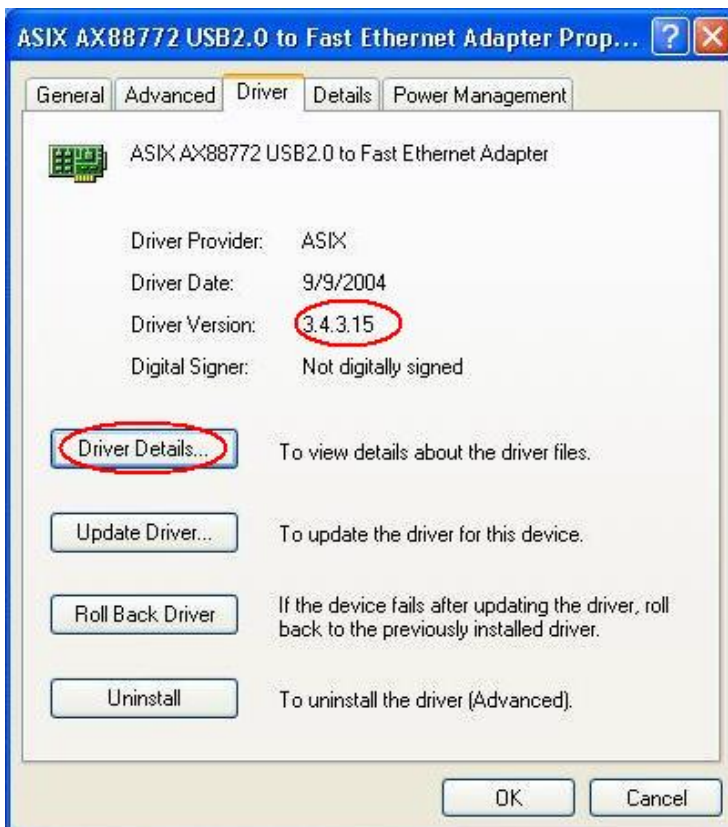
Step #10. Now, the AX88772 driver is updated successfully.

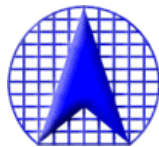


Step #11. Check if the AX88772 driver is updated successfully.



Step #12. Check the updated driver version here.





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