

## Adaptec SCSI Installation Procedures Model 2930U & Model 2940 Ultra - Dec 2002

These are installation guidelines and procedures for the Adaptec 2930U & 2940 Ultra SCSI adapters when installed under Windows 98 SE, ME, Windows 2000 and Windows NT 4.0

Go to the Adaptec web site to acquire the current operating system drivers. Their main site is [www.adaptec.com](http://www.adaptec.com). You will want to select **Support / Downloads**, then **SCSI Host Adapters** and then select the correct adapter from the adapter family: **AHA-2930** or **AHA-2940**.

Currently, the **7800 FMS v3.03 disk1** file contains all of the Windows drivers. Download the current file into your PC so the appropriate files can be copied to a diskette for installation.

**Next**, when installing under Windows 98, ME, NT 4.0, or 2000, select **Search** and then put in **aspi32** as the search text. It should bring you to where you can download the aspi32.exe file. **The new ASPI file requires that the Install.bat must be run, but there are command line parameters that are needed. Read the Readme.txt file that comes with the new ASPI.** Note...NT may have a problem with the new V4.71 ASPI file. V4.60 works just fine. Contact Arlan at DCC to get the older ASPI file. (847)-446-2285.

### Windows 98 and Windows NT 4.0

1. Install the SCSI adapter into the PC.
2. Boot-up the PC. During initial boot up, a message saying 'AHA-2940AU PCI SCSI Controller' should display.
3. While this message is displayed, it usually allows you to enter <CTRL><A>. This brings up a menu. Select **SCSI Utilities**. The controller should show as device #7. This indicates that the PC sees the adapter. Exit out and the PC will continue booting up.
4. The next message that pops up that requires some input is when the PC detects the new device and will look for a driver. Select '**Other Detected Devices**' and it should show the AHA-2930U or AHA-2940AU adapter. It may ask if you want to find the driver.
5. Select '**Have Disk**' and insert the diskette with the W98 or WINNT sub-directory files into the A: drive.
6. If it offers a selection of more than one driver, select the driver with /**294x**/ as one of the models.
7. Under Windows NT, you can go to Start, Settings, Control Panel, SCSI icon. This will let you view the adapter information and the driver for the SCSI card.
8. During boot-up you may see a message '**SCSI BIOS Not Installed**' which is normal and does not cause any problems.

## Windows 2000

1. Install the SCSI adapter into the PC.
2. Boot-up the PC. During initial boot up, a message saying 'AHA-2930U' or 'AHA-2940AU PCI SCSI Controller' should display.
3. While this message is displayed, it usually allows you to enter <CTRL><A>. This brings up a menu. Select **SCSI Utilities**. The controller should show as device #7. This indicates that the PC sees the adapter. Exit out and the PC will continue booting up.
4. The 2930 driver may have already been selected by W2000. **If so, use it.**
5. If not, select the **My Computer** icon, right click, and then left click on **Properties**.
6. Select the **Hardware** tab, then the **Device Manager** button.
7. Select the **SCSI controller** and highlight the **SCSI adapter**. Right click and then left click on **Properties**.
8. Select **Driver** tab, then the **Update Driver** button.
9. Use the normal recommended search, but select only the A: drive. Insert the diskette with the drivers into A: and OK. A screen should come up asking if you want to keep the Microsoft drivers. Select the box in the lower right indicating '**Install one of the other drivers**'.
10. Select the Adaptec SCSI driver.
11. Connect the scanner, power it on and reboot the PC. The Hardware Wizard should come up. Point it to the diskette with the .INF file used with Windows 2000. The current one is called **dcscsi.inf**.
12. During boot-up you may see the message '**SCSI BIOS Not Installed**' which is normal and does not cause any problems.

## Windows ME

1. Install the SCSI adapter into the PC.
2. Boot-up the PC. During initial boot up a message saying 'AHA-2930' or 'AHA-2940AU PCI SCSI Controller' should display.
3. While this message is displayed it usually allows you to enter <CTRL><A>. This brings up a menu. Select the **SCSI Utilities**. The controller should show as device #7. This indicates that the PC sees the adapter. Exit out and the PC will continue booting up.
4. When the window shows up that detects new hardware, select the **Recommended** option and insert the diskette with the W98 drivers into the A: drive. Select the **WIN9X** driver.
5. ME should indicate the driver was installed and request that it be rebooted. After the reboot, check the device manager. The SCSI controller should not have a (!) indicator next to it. If it does, then open up the properties and select **Update Driver**. Use the same W98 driver in the previous step.
6. ME may have to be rebooted several times to clear up the process.
7. When connecting the scanner use the dcscsi.inf file when it asks for a device driver.
8. During boot-up you may see the message '**SCSI BIOS Not Installed**' which is normal and does not cause any problems.