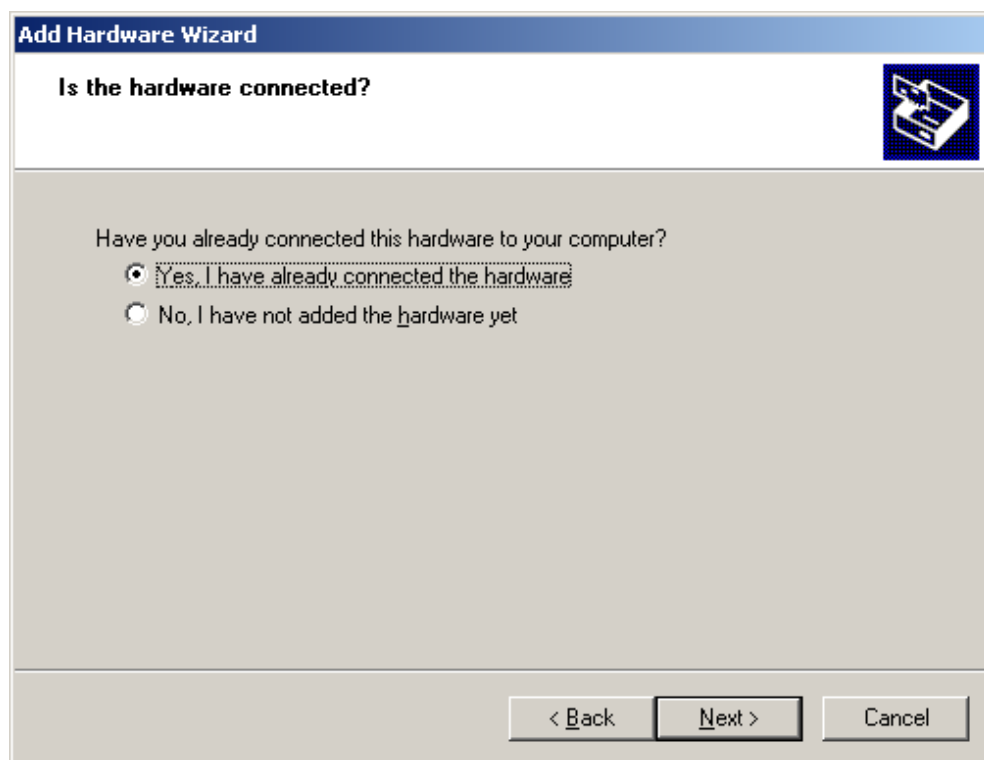


Adding AoE boot support to Microsoft Windows

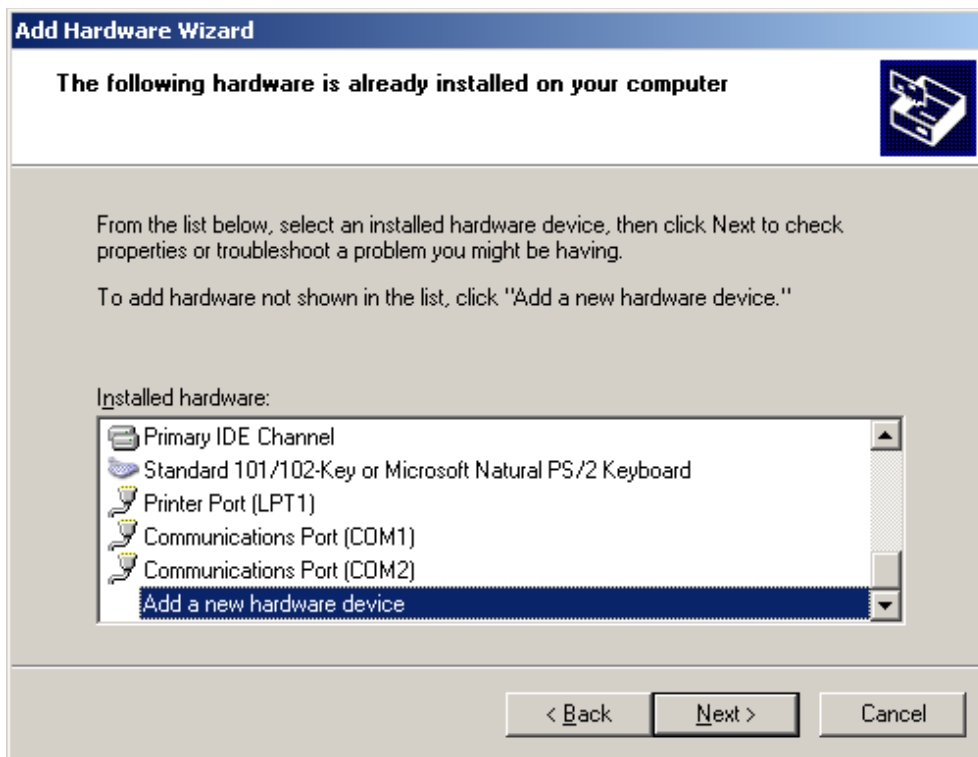
Installing the AoE initiator

You need to download and install the Windows AoE initiator (WinAoE). Download the latest WinAoE package from <http://winaoe.org/> [<http://winaoe.org/>] and extract the contents of the .zip file to a temporary directory.

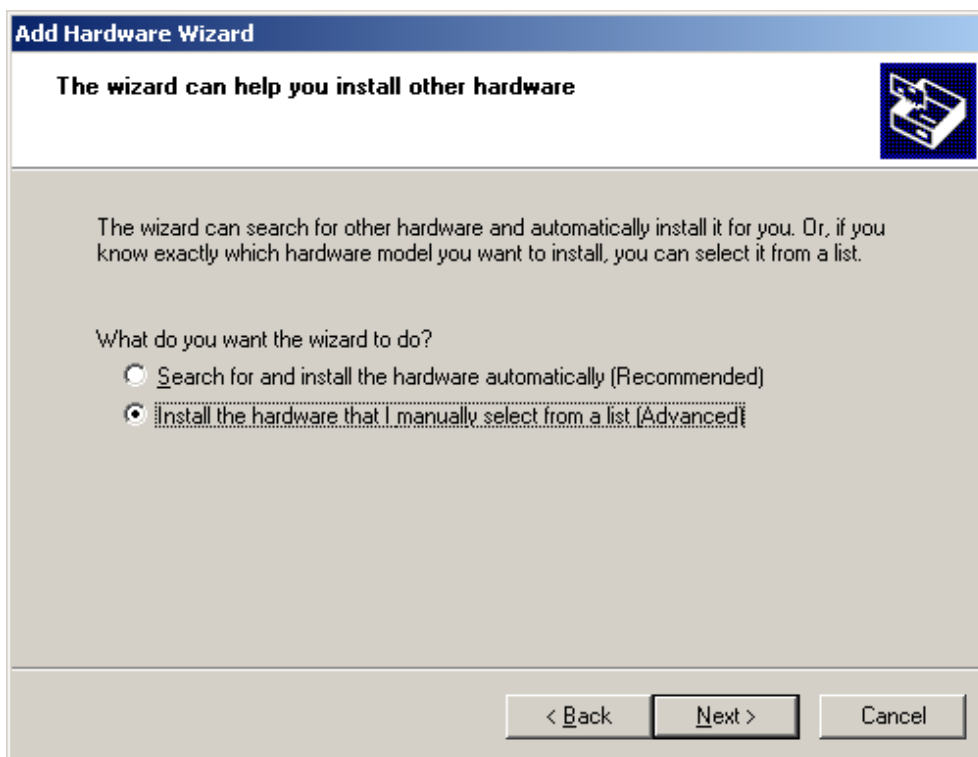
Start up the Add Hardware Wizard (*Start* → *Control Panel* → *Add Hardware*) and proceed to the “Is the hardware connected?” screen:



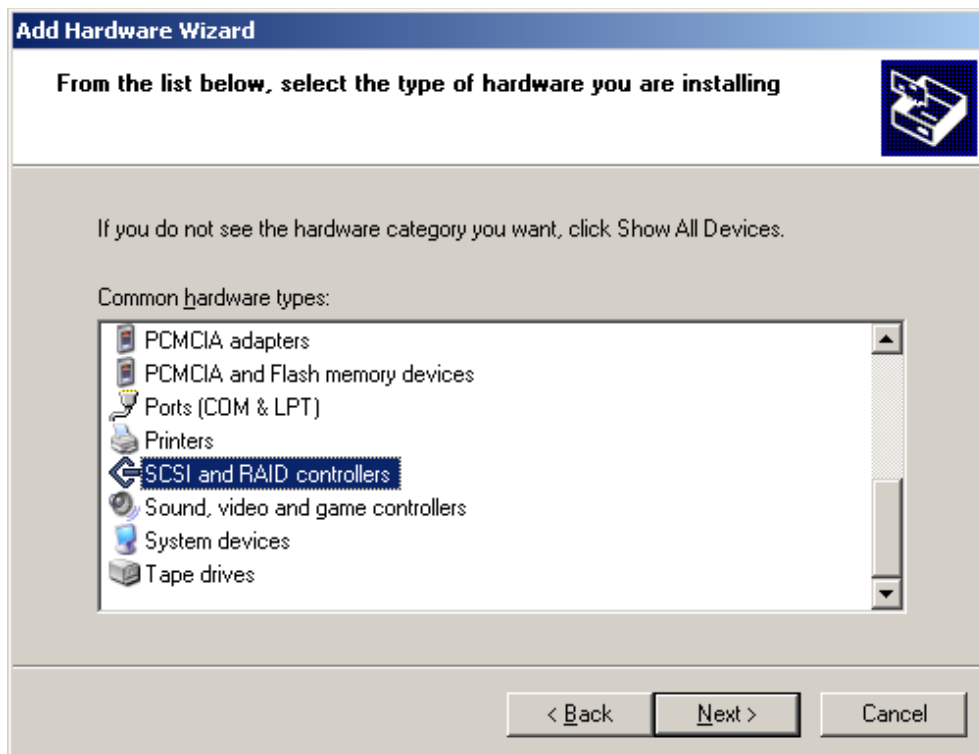
Click on “Yes, I have already connected the hardware”, then click on *Next*.



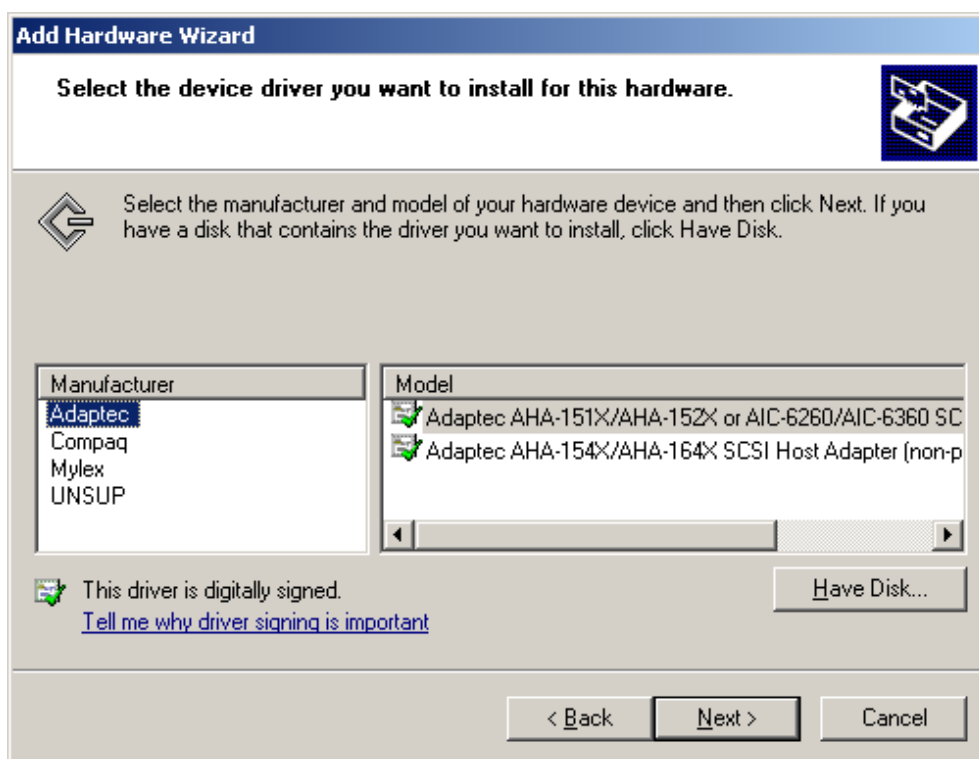
Scroll down to the bottom of the list and choose “Add a new hardware device”, then click on *Next*.



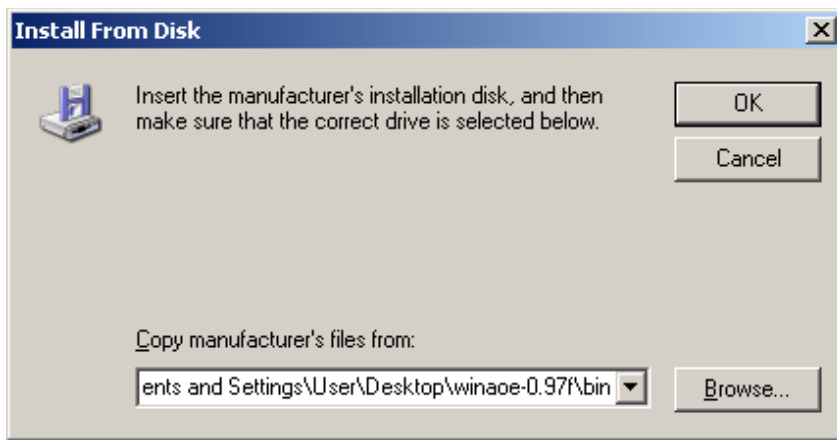
Click on “Install the hardware that I manually select from a list (Advanced)”, then click on *Next*.



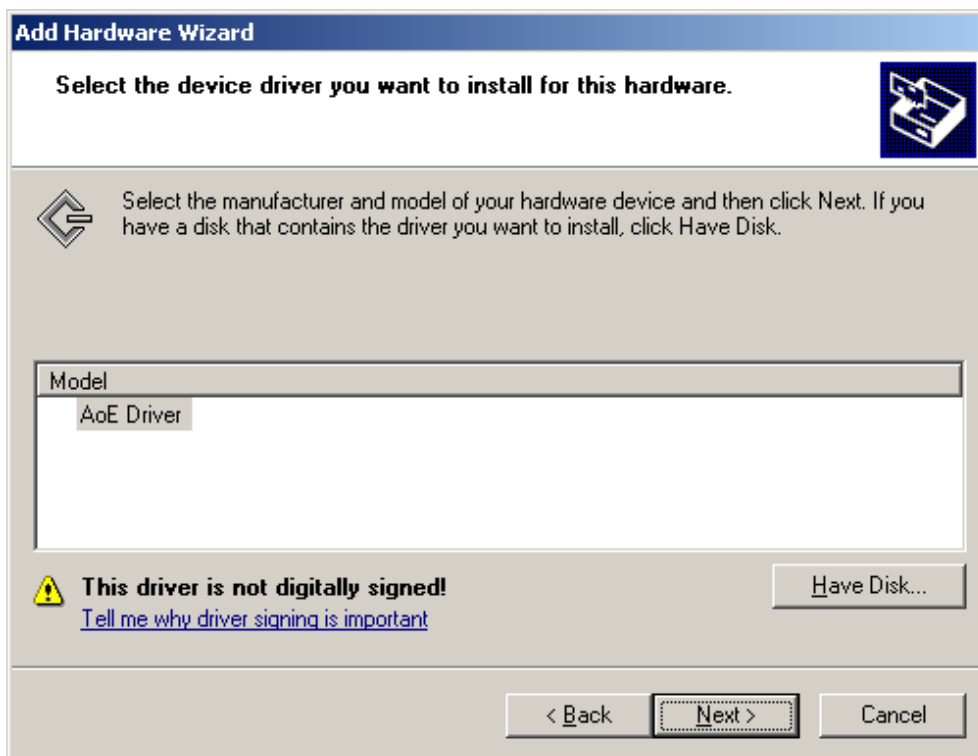
Choose "SCSI and RAID controllers", then click on *Next*.



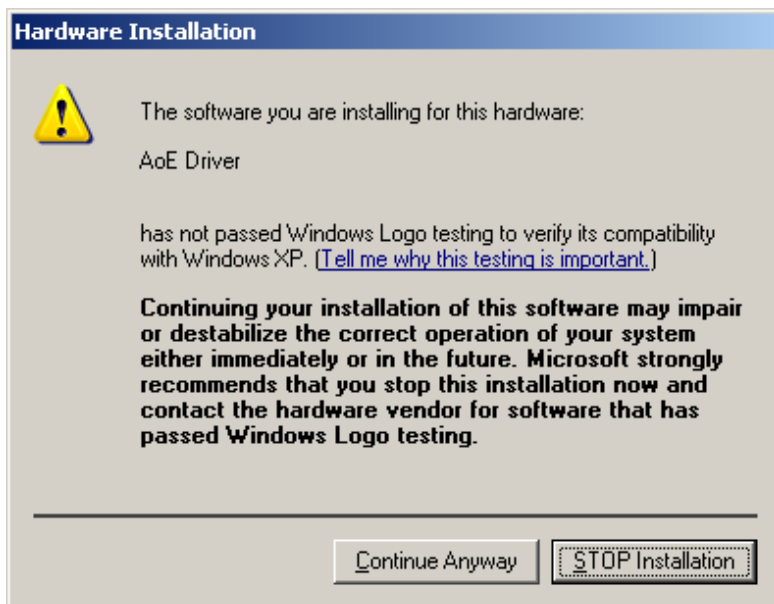
Click on "Have Disk...".



Click on "Browse...". Browse to the directory containing the extracted WinAoE files, then to the *bin* directory within this directory. Click on "OK". You should see "AoE Driver" show up in a list of available drivers to install:



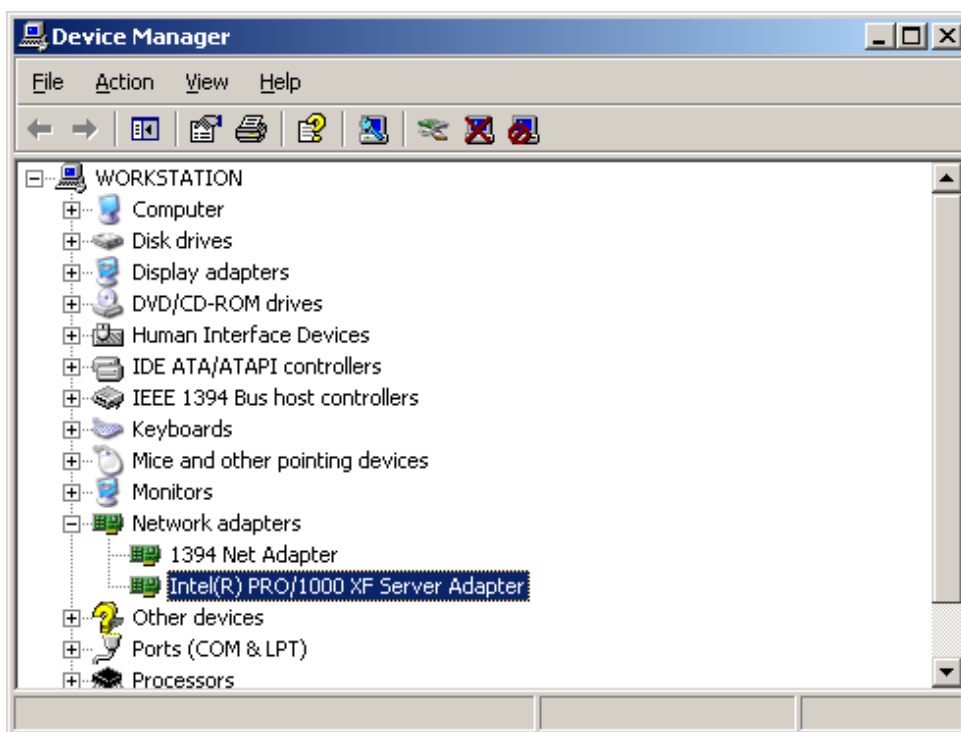
Continue clicking on *Next* until the installation process is complete. You will see a warning about the driver being unsigned:



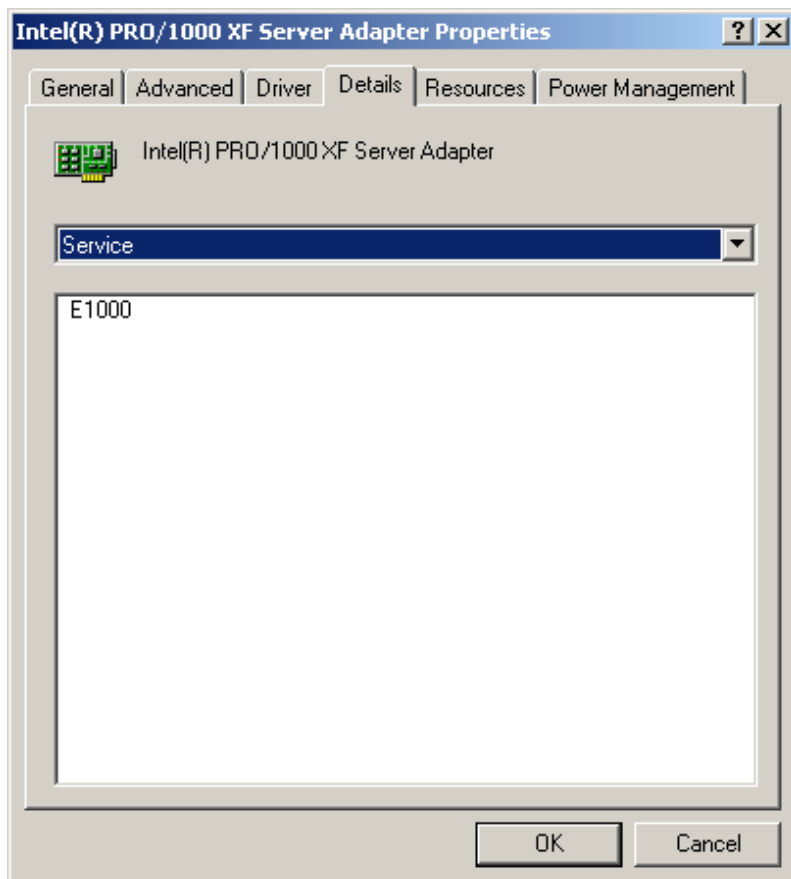
Ignore this warning and click on "Continue Anyway" to complete the installation of the AoE initiator.

Identifying the network service name

Open up the System Properties (*Start → Control Panel → System*) and go to the *Hardware* tab. Click on "Device Manager".



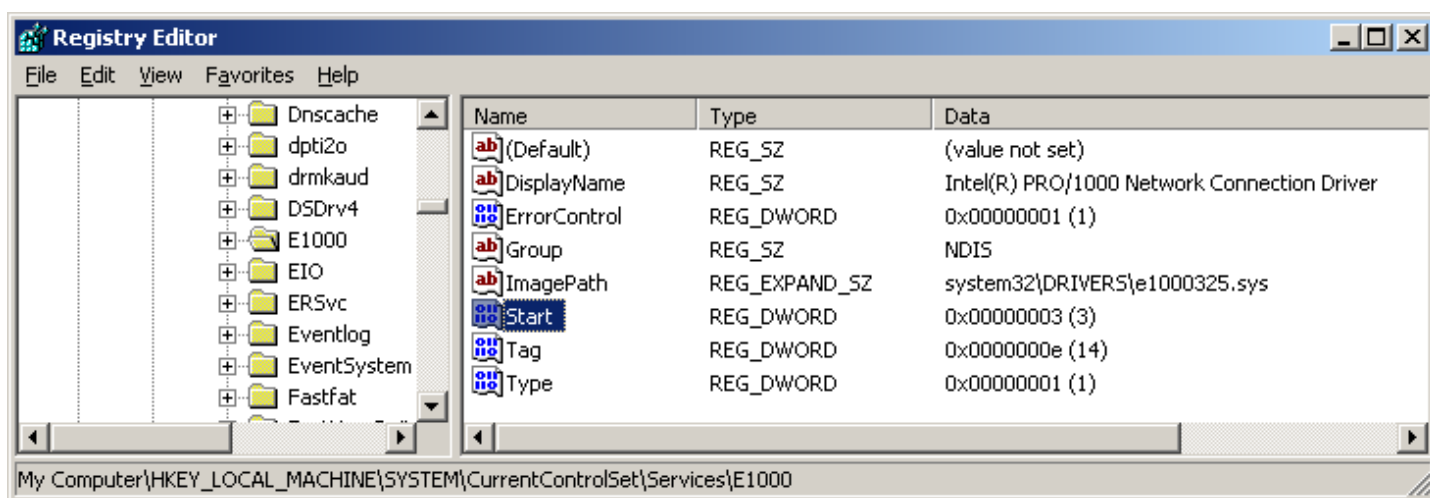
Locate your network card within the device list. Right-click on your network card and choose "Properties".



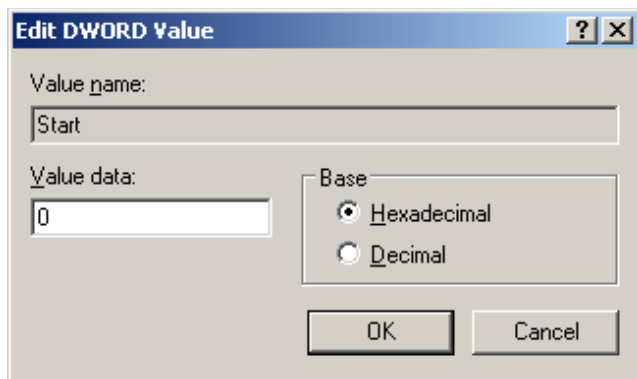
Go to the *Details* tab and choose "Service" from the drop-down menu. Make a note of the network card service name ("E1000" in the above example).

Enabling network boot

Start up Registry Editor (*Start* → *Run* → *regedit*) and browse to the key `HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services`.



Click on the network card service key ("E1000" in this example), then double-click on "Start" in the right-hand panel.



Change the *Value data* to 0 and click on *OK*.

- NOTE: If you are using a Nvidia network card, you may have to use the RIS drivers or set the "Start" to 0 for the nvnetbus service as well.
- NOTE: It is reported that using the Nvidia nForce drivers (service names NVENETFD and nvnetbus) does not work with WinAoE booting. See [nvidia_nforce](#)

You are now ready to

- Transfer the Microsoft Windows disk image to your AoE target

-
- [sanboot/winnt_aoe.txt](#) · Last modified: 2008/09/12 12:40 by svenx
 - Except where otherwise noted, content on this wiki is licensed under the following license:CC Attribution-Noncommercial-Share Alike 3.0 Unported [<http://creativecommons.org/licenses/by-nc-sa/3.0/>]