

Static IP address - Windows XP Setup Guide

This is a guide to configuring Windows to use a static IP address.

Before you begin

1. We assume you already have an Ethernet network adapter or interface installed in your PC.
2. You need a UTP (Unshielded Twisted Pair Cat 5 minimum) cable with an RJ45 connector to connect your Ethernet network adapter or interface to the Ethernet point on the wall (Purchasable from most Halls Receptions).
3. These instructions are intended to work for most computers. If you experience difficulties, please contact your computer hardware vendor.

1. Decide on which IP address to use your machine.

As a thumb of rule you should use the IP addresses outside of the DHCP range. Or you can adjust the DHCP start and end range before or after the static IP address you intended to use.

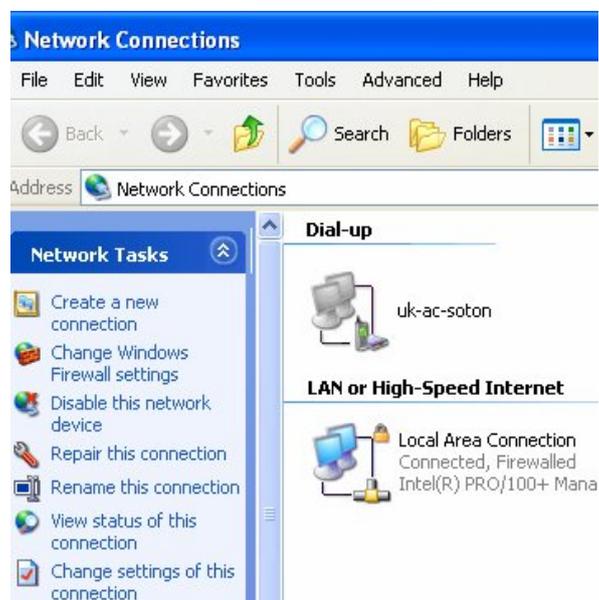
2. Opening the 'Network Connections' window

Click on **Start** then select 'Control Panel' then, in the Control Panel window, select 'Network and Internet Connections', and finally 'Network Connections'.

(Alternatively, you may be able to click on **Start** then select 'Connect To' then select 'Show all connections'.)

By default there should be an icon in this window called 'Local Area Connection' or 'LAN connection'. If you have already connected your network cable at both ends then this icon should say **'Connected'** (You may have to click right mouse button on the icon and select 'Status' to get this information).

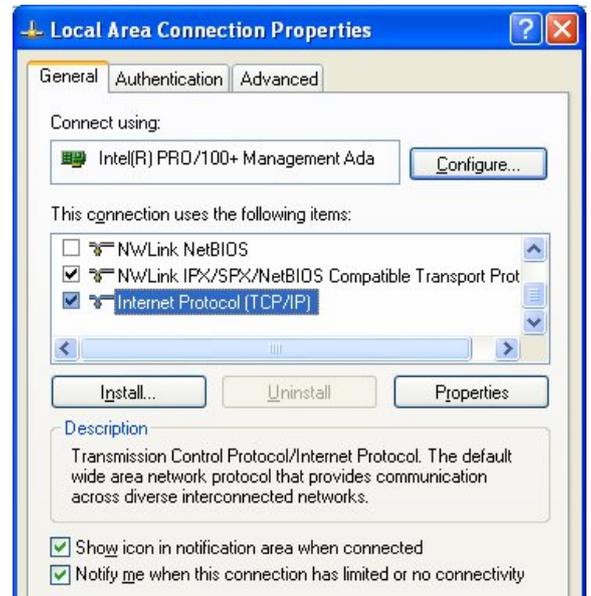
If it says it says **'Disabled'** then click right mouse button on the icon and select **'Enable'**.



3. The 'Local Area Connection Properties' window

The next things to check are in the connection properties. Right-click on the 'Local Area Connection' icon and select 'Properties' to open the 'Local Area Connection Properties' window.

Then make sure the 'General' tab is selected in this window, then find the line which says 'Internet Protocol (TCP/IP)' and click on it, then click on 'Properties' to open the 'Internet Protocol (TCP/IP) Properties' window.



3. Entering IP address, subnet mask, gateway, and DNS details

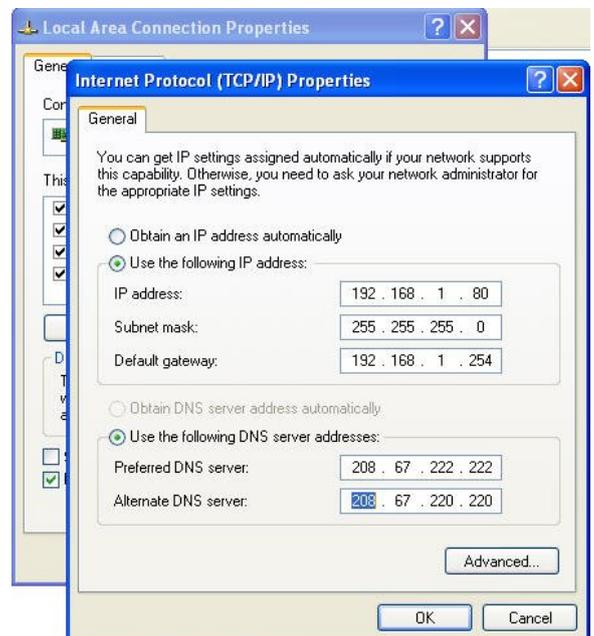
Enter your allocated address in the 'IP address' box.

Enter your allocated subnet mask address in the 'Subnet mask' box.

Enter your allocated gateway address in the 'Default gateway' box.

NOTE. the IP address on the right is only an example.

Select 'Use the following DNS server addresses'. In the 'Preferred DNS server' box enter the address of the DNS primary server, 208.67.222.222. In the 'Alternate DNS server' box enter the address of the DNS secondary server, 208.67.220.220.



5. Starting the Ethernet connection

Once you manually entered then you click on the 'OK' button in the 'Internet Protocol (TCP/IP) Properties' dialog box then this box will disappear. Then in the 'Local Area Connection Properties' dialog box click on the 'OK' button to complete the process.