

IP CONFIGURATION

Current IP Address

Find your current IP address and whether it is **static** or **dynamic**:

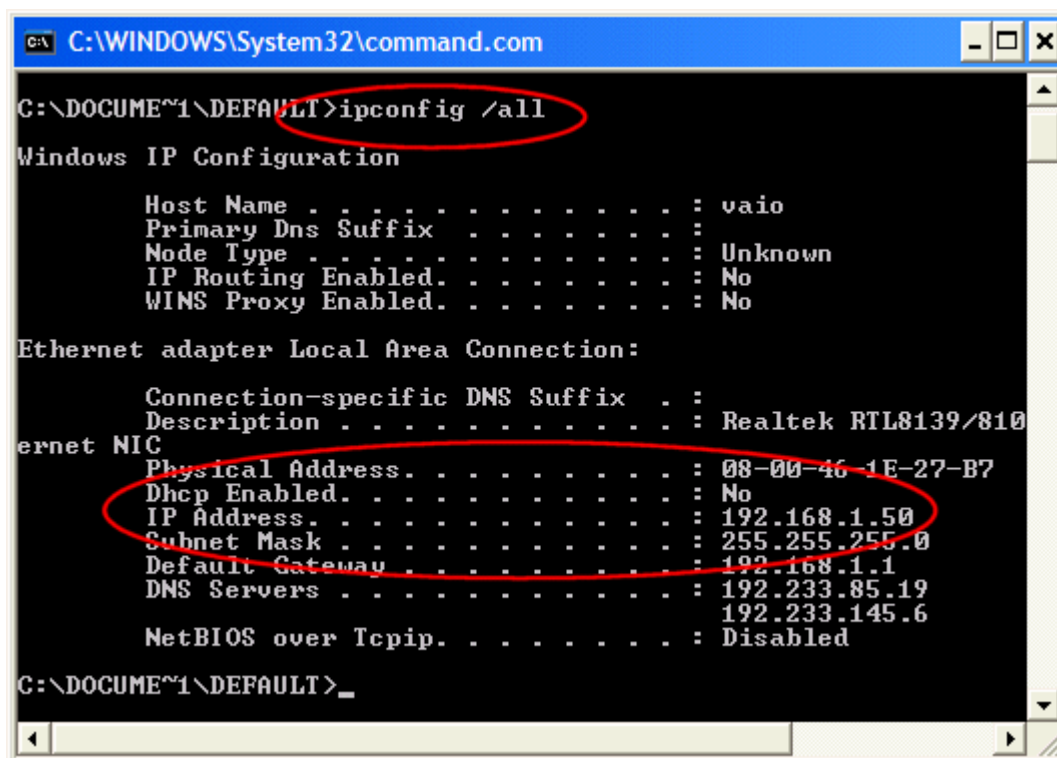
1. Open Windows **Start** menu.
2. Select **Run**. Type: **command** and click **OK**.
3. At the blinking cursor, type: **ipconfig /all** and press Enter.
4. Look for these entries near the end of the list:

- **Dhcp Enabled**. No means your IP address is static. Yes means it is dynamic.
- **IP Address**. This is your current IP address.

5. To exit, at the blinking cursor, type: **exit** and press Enter.

If your current IP address is:

- **Static**, then make note of the IP address. You need the IP address when you open ports in your router or firewall.
- **Dynamic**, then assign a static IP address instead.



```
C:\WINDOWS\System32\command.com
C:\DOCUME~1\DEFAULT>ipconfig /all
Windows IP Configuration

    Host Name . . . . . : vaio
    Primary Dns Suffix . . . . . :
    Mode Type . . . . . : Unknown
    IP Routing Enabled. . . . . : No
    WINS Proxy Enabled. . . . . : No

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . :
    Description . . . . . : Realtek RTL8139/810
    Physical Address. . . . . : 08-00-46-1E-27-B7
    Dhcp Enabled. . . . . : No
    IP Address. . . . . : 192.168.1.50
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
    DNS Servers . . . . . : 192.233.85.19
    . . . . . : 192.233.145.6
    NetBIOS over TcPIP. . . . . : Disabled

C:\DOCUME~1\DEFAULT>
```

Choose an IP address

Choose an IP address, and collect other information needed in order to assign a static IP address to your computer.

1. In the previous step note all the following information:
 - Router (Gateway) IP address
 - Subnet Mask
 - IP addresses of your DNS servers
 2. In your router administration program, find an IP address that can be assigned as a static IP. The address:
 - Must not be one that might be assigned to someone as a dynamic address.
 - Must not be one that has been assigned to another device (often these are the low numbers).
 - Must be lower than the range of dynamic addresses.
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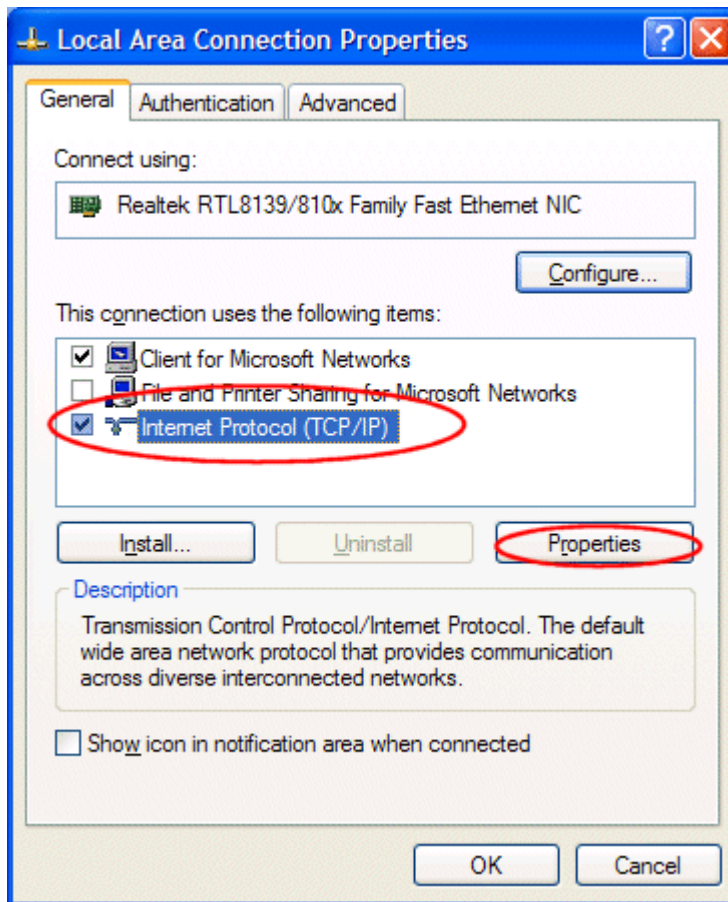
Assign the IP address

To set a static IP address:

1. Open Windows **Start** menu.
2. Open **Control Panel**.
3. Classic view: Open **Network Connections**
Category view: Select **Network and Internet Connections**, and then **Network Connections**.
4. Double-click on your active **LAN or Internet connection**.
5. Click **Properties**.

This opens the Local Area Connections Properties window.

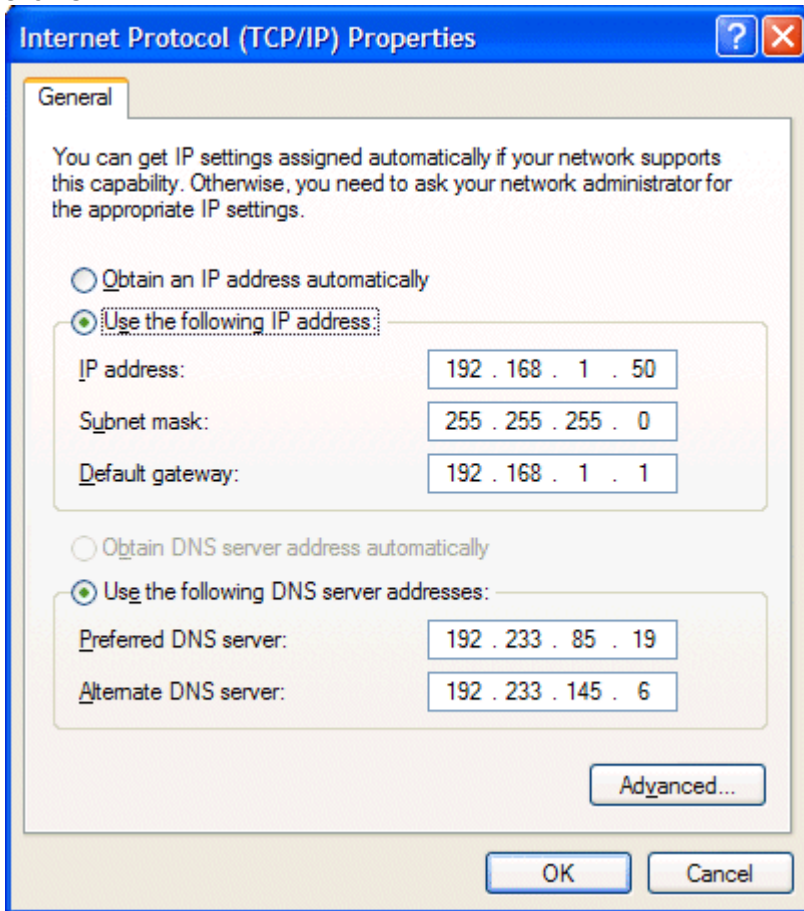
6. In the **General** tab, highlight the **Internet Protocol (TCP/IP)** item, and click **Properties**.



This opens the Internet Protocol (TCP/IP) Properties window.

7. In the General tab, click **Use the following IP address**, and enter:
 - IP address. The static IP address you want to assign to this computer.
 - Subnet mask. Subnet mask used by your router.
 - Default gateway. IP address of your router's default gateway.
8. In **Use the following DNS server addresses**, enter all the IP addresses for the DNS servers your router uses.

9. Click **OK**.



Then:

10. Click **OK** to close each window.
11. Restart your computer.
12. Then, [check your IP address again](#), to make sure that the changes were applied.