

SETTING UP STATIC IP

Setting a static IPv4 address for your Ethernet adapter on a Windows computer typically involves accessing the network settings and manually configuring the IP address, subnet mask, default gateway, and DNS servers. Here's how you can do it:

****Note:**** These instructions are for Windows 10. The steps may vary slightly in other versions of Windows.

1. ****Open Network Settings****:

- Right-click on the network icon in the system tray (usually in the lower-right corner of your screen) and select "Open Network & Internet settings."
- Alternatively, you can open the Control Panel and go to "Network and Sharing Center."

2. ****Change Adapter Options****:

- In the Network & Internet settings, click on "Change adapter options" or "Change adapter settings."

3. ****Locate Your Ethernet Adapter****:

- You'll see a list of network connections. Right-click on your Ethernet adapter and select "Properties."

4. ****Select Internet Protocol Version 4 (TCP/IPv4)****:

- In the Ethernet Properties window, you'll see a list of items. Find and select "Internet Protocol Version 4 (TCP/IPv4)" and then click the "Properties" button.

5. ****Manually Configure IP Address****:

- In the "Internet Protocol Version 4 (TCP/IPv4) Properties" window, select the option to "Use the following IP address."

- Enter the desired static IP address, subnet mask, and default gateway. You'll typically need this information from your network administrator or ISP. If you're setting up a local network, choose an IP address within your network's IP range.

- Optionally, you can specify DNS server addresses. You can use the DNS servers provided by your ISP or use public DNS servers like Google's (8.8.8.8 and 8.8.4.4) or Cloudflare's (1.1.1.1 and 1.0.0.1).

6. ****Click OK****:

- After entering the necessary information, click "OK" to save your settings.

7. ****Close Network Properties****:

- Close the Ethernet Properties window.

8. ****Restart Your Computer**** (Optional):

- In some cases, it may be necessary to restart your computer to apply the new IP settings, although Windows can sometimes apply them without a restart.

Your Ethernet adapter should now have a static IPv4 address. Make sure the address you set is unique and does not conflict with other devices on your network. If you're on a corporate or managed network, it's a good idea to contact your network administrator for guidance, as they may have specific requirements or restrictions.