

# Instructions on how to change your IP address in Windows 10.

This guide shows you 3 ways to set a static/dynamic IP address on Windows 10/11 using Settings, Control Panel, and CMD commands. Increase security and resolve IP conflicts!

## 1. 3 ways to change your IP address on Windows 10

### Why is it necessary to change the IP address?

Changing your local or public IP address is legal (except for impersonation purposes) and offers several benefits:

1. **Security & Privacy:** Hide your overall location, increasing security while browsing the web.
2. **Change location:** Access geo-blocked content or reduce latency when playing games.
3. **Troubleshooting:** Resolving IP conflicts, reconfiguring the network after installing a new router, or fixing incorrect IP addresses assigned by the router.
4. **Avoiding bans/blocking:** Bypassing IP bans on certain websites.

**Important note:** You must log in with an Admin account to change the local IP address.

## II. 3 ways to change your local IP address

### 1. Change your IP address in Settings.

This is the easiest and most intuitive method for the average user.

Purpose	Steps to change your IP address using Windows 10 Settings	Interpret
Change IP	1. Open <b>Settings &gt; Network &amp; Internet</b> . 2. Select network type ( <b>WiFi/Ethernet</b> ) > <b>Properties</b> . 3. Under <b>IP assignment</b> , click <b>Edit</b> . 4. Select <b>Manual</b> and enable <b>IPv4</b> . 5. Manually enter the IP address , <b>subnet prefix length</b> , <b>gateway</b> , and <b>DNS</b> (optional).	Use the graphical interface to switch from <b>Dynamic IP (DHCP) to Static IP (Manual)</b> and enter the parameters.

### 2. Change the IP address using the Control Panel (The classic method)

The traditional method involves accessing it through the Network Adapter's Properties window.

Purpose	Key Steps	Interpret
Change IP	1. Open <b>Control Panel &gt; Network and Sharing Center &gt; Change adapter settings</b> . 2. Right-click the network connection > <b>Properties</b> . 3. Select <b>Internet Protocol Version 4 (TCP/IPv4) &gt; Properties</b> . 4. Select <b>Use the following IP address and enter the IP address, subnet mask, gateway, and DNS parameters</b> .	Similar to changing it through Settings, but accessed through the Network Properties window for more detailed information.

### 3. Change IP address using CMD/PowerShell (Command line netsh)

The fastest and most powerful method for advanced users.

Purpose	Main Steps (Simplified)	Brief Explanation
Identify the network name.	Open <b>CMD/PowerShell</b> as <b>administrator</b> > Use the command: <b>netsh interface ipv4 show config</b>	The first step is to find the correct name of the network connection (Interface Name).
Set Static IP	Use the command: <b>netsh interface ipv4 set address name="TÊN M?NG" static IP SUBNET GATEWAY</b>	Use commands <b>netsh</b> to configure the network directly by entering static IP parameters.
Switch to DHCP	Use the command: <b>netsh interface ipv4 set address name="TÊN M?NG" source=dhcp</b>	Switch your IP address to automatic assignment mode from your router.

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