

Windows IP Addresses

Goal: Find and change network ip addresses on Microsoft Windows. Here are some techniques for finding and setting IP addresses on Microsoft Windows using the Control Panel and the command line.



- 1. Find the IP Address of the Windows PC. There are two methods you can use:
 - A. Using the Control Panel.
 - A. Click Start, Run, control, [enter]

	Run ×
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
<u>O</u> pen:	control 🗸
	Cancel Browse

B. Search and select Network Status and Devices

P	network status - Control Pane	el 📐 – 🗆 🗙
🔄 🄄 🝷 ↑ 📴 ト Control Par	nel → v C	network status ×
Network and Sharing View network status and tas	l Center ks	
Action Center Review your computer's star	tus and resolve issues	
Search Windows Help and Suppo	rt for "network status"	

C. We click on our device, Ethernet 3:



D. Find and/or set the IP address: from Status, click Properites

🖞 Ethernet 3 Status					
General					
Connection					
IPv4 Connectivity:	No Internet acces	ss			
IPv6 Connectivity:	No Internet acces	ss			
Media State:	Enable	ed			
Duration:	00:23:4	19			
Speed: 1.0 Gbp					
Details					
Activity					
	Sent — 駴 — Receive	d			
Bytes:	13,339 15,24	47			
Properties	Disable Diagnose				
	Clo	ose			

E. double click **TCP/IPv4**

	×					
Networking Sharing						
Connect using:						
Intel(R) PRO/1000 MT Network Connection #2						
Cor	nfigure					
This connection uses the following items:						
Internet Protocol Version 4 (TCP (IPv4)	~					
<	>					
Install Uninstall Prop	> perties					
Install Uninstall Prop Description Transmission Control Protocol/Internet Protocol. The wide area network protocol that provides communicat across diverse interconnected networks.	> default ion					

F. you will see and can change the IP address.:

Internet Protocol Version 4 (TCP/IPv4) Properties ? ×						
General						
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
Obtain an IP address automatically						
• Use the following IP address:	Use the following IP address:					
IP address:	10 . 26 . 0 . 10					
Subnet mask:	255.255.255.0					
Default gateway:						
Obtain DNS server address autor	Obtain DNS server address automatically					
Use the following DNS server addresses:						
Preferred DNS server:						
Alternate DNS server:	· · ·					
Validate settings upon exit	Advanced					
	OK Cancel					

- B. Various *DOS commands* to find the IP addresses on the system:
 - A. ipconfig and ipconfig /all
 - B. netsh interface ipv4 show address
- C. Resetting your DHCP address via command line:
 - A. ipconfig /release
 - B. ipconfig /renew