

# How to view MAC address on Windows using Command Prompt

Along with the IP address, the MAC address is used to identify network devices, helping to distribute data flows from the Internet computer network to the device. So how to view the MAC address on Windows?

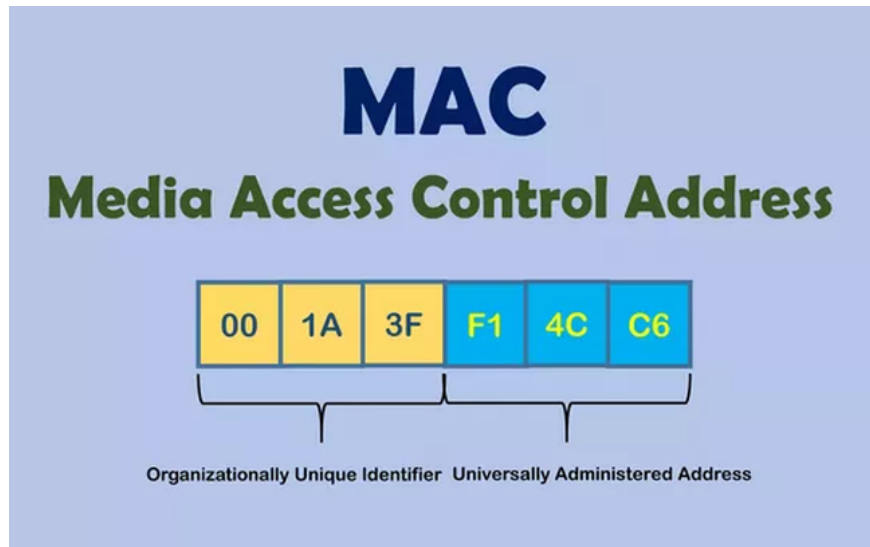
When shopping online, if you want the shipper to deliver the goods to you, you need to have an exact address. And the same goes for devices using the Internet. In a network environment, if you want the device to receive data packets when we access information, the computer also needs an address to receive them. This address on a normal computer is called IP and MAC. TipsMake has an article with instructions on how to view the IP address, so what about how to view the MAC address? Let's see in this tutorial!

## What is MAC address?

MAC is an abbreviation for the phrase 'Media Access Control' translated into Vietnamese means media access control used to indicate the physical address of network devices used at the data link layer in the 7-layer OSI model. To better visualize what MAC address information is, you can simply understand that MAC is the ID of the network card in the computer, used to distinguish it from other types of cards mounted on the motherboard such as graphics cards, sound cards. If your computer uses multiple network cards, it means that you will have many different MAC addresses.

## Structure of MAC address

The MAC address on a normal computer has a structure of 12 digits. In which, each digit is any number in the sequence from 0 to 9. If it is a letter, it will include characters from A to F. The common MAC address model often has 3 forms as follows:



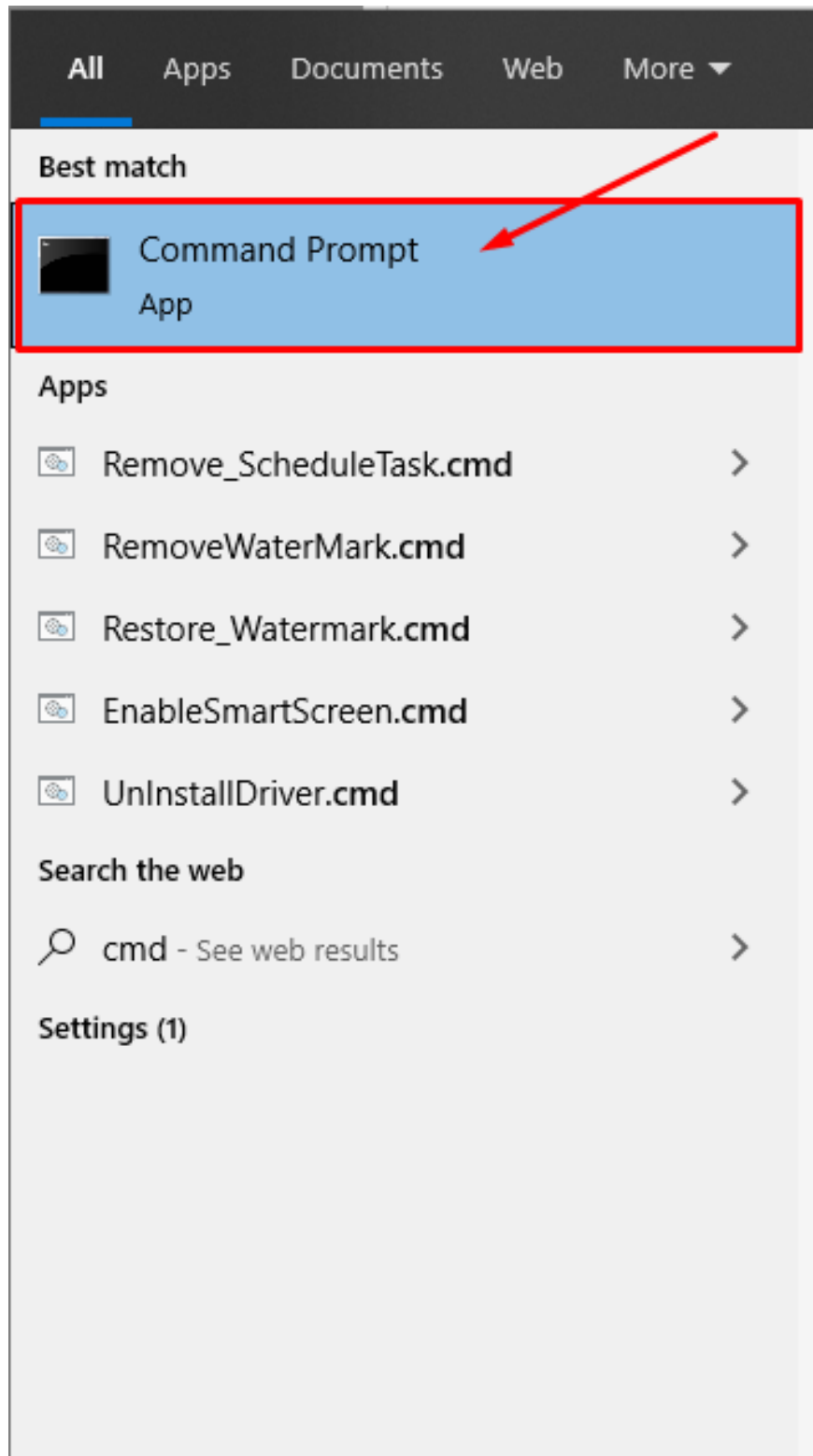
1. 68:7F:74:12:34:56
2. 68-7F-74-12-34-56
3. 687.F74.123.456

The first 6 numbers represent the manufacturer and the last 6 numbers are the digits used for the converter. In particular, the MAC address will not contain information related to the network of the device you manage.

### How to view MAC address on Windows 10

#### View MAC address on Windows via CMD (Command Prompt)

Press the key combination **Window + R** or type **cmd** in the Search box on Windows 10. Select **Command Prompt**



In the CMD window that appears, type the command **ipconfig /all** then press Enter. All parameters about your network configuration will be displayed. Now, check the **Physical Address** line - this is your MAC address.

```
Command Prompt
C:\Users\Hieu MKT>ipconfig /all

Windows IP Configuration

Host Name . . . . . : DESKTOP-QBKP8BQ
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No

Ethernet adapter Ethernet:

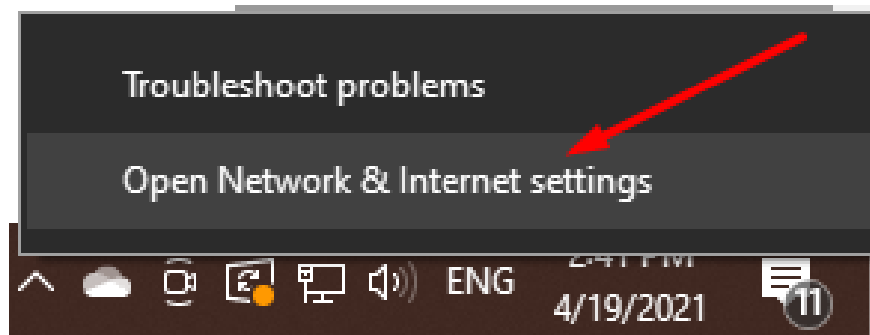
Connection-specific DNS Suffix . . :
Description . . . . . : Realtek PCIe GBE Family Controller
Physical Address. . . . . : D8-CB-8A-14-D4-22
Dhcp Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::dd28:1d91:9c5b:a794%7(Preferred)
IPv4 Address. . . . . : 192.168.8.229(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Monday, April 19, 2021 8:28:03 AM
Lease Expires . . . . . : Tuesday, April 20, 2021 8:28:25 AM
Default Gateway . . . . . : 192.168.8.1
Dhcp Server . . . . . : 192.168.8.1
Dhcpv6 IAID . . . . . : 114871178
Dhcpv6 Client DUID. . . . . : 00-01-00-01-27-7C-62-86-D8-CB-8A-14-D4-22
DNS Servers . . . . . : 192.168.8.1
NetBIOS over Tcpip. . . . . : Enabled

C:\Users\Hieu MKT>
```

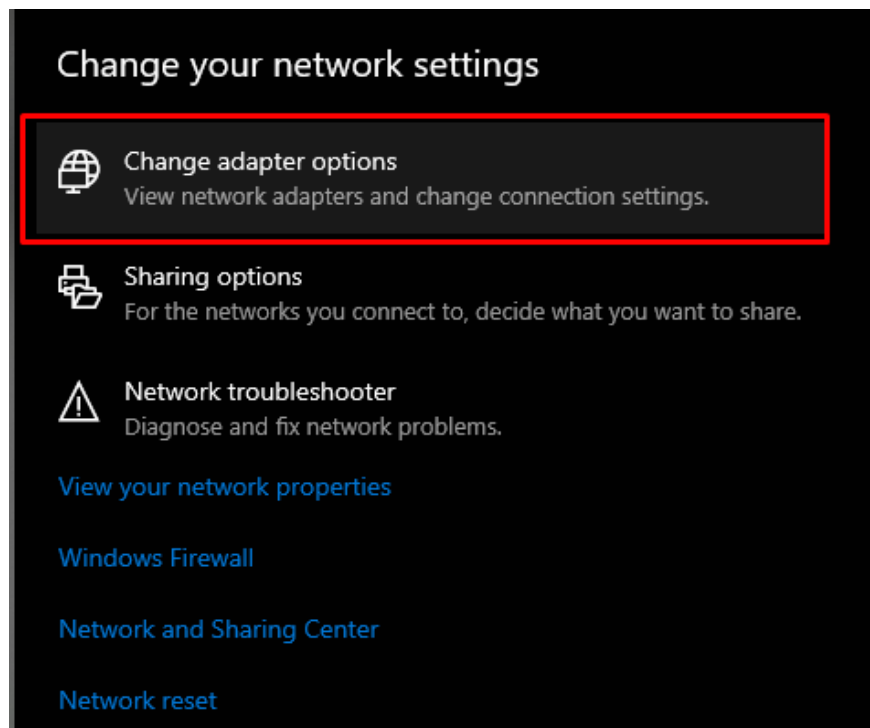
View MAC address via network icon

In addition to the way to view the MAC address via CMD above, if you are afraid of typing, you can view the MAC address via the current network icon. Here's how:

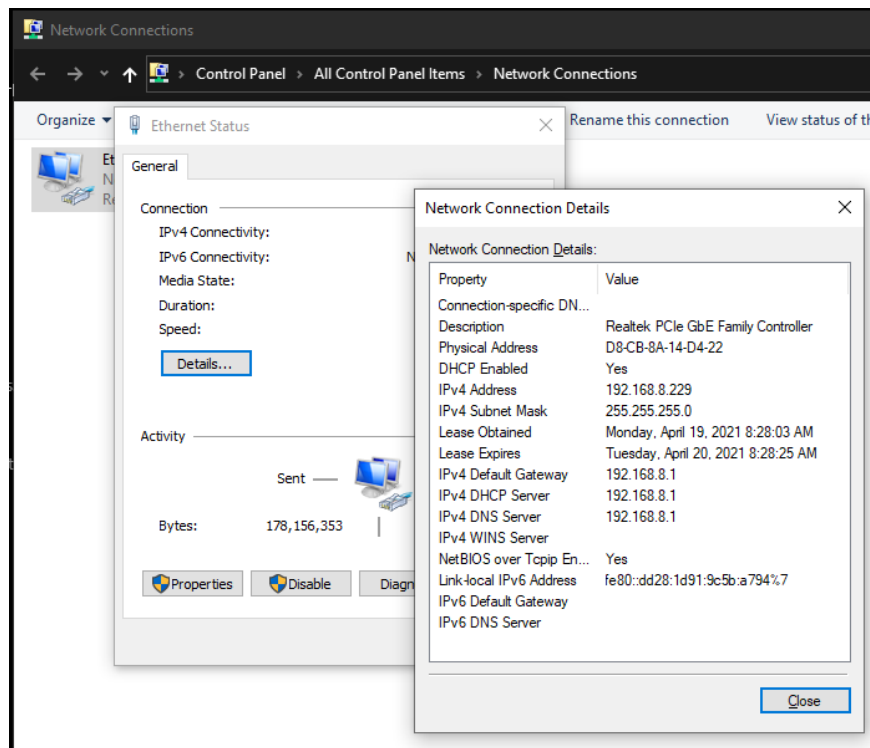
Right-click on the LAN or Wifi icon in the left corner of the screen, select Open Network & Internet Settings.



In the Change your network settings section, click on the Change adapter options line.



Double click on the network icon and select Details. Similar to how to view the MAC address using CMD, you will see your MAC address in the Physical Address line.



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