

3 ways to change the Mac address on Windows 7/8 / 10

What is a mac address? and how to see and change mac address fastest. This article details you how to find and change your mac address

If you regularly use computers and follow technology forums, you must have heard the phrase "mac address". Besides, there are many questions surrounding it such as what is MAC address? How to view the MAC address, how to change the MAC address, . Therefore, in this article I will outline the concept, meaning and **how to change the mac address** in the most detailed and easy to understand way. .

I. What is MAC address? And what does it mean?

MAC address stands for Media Access Control - Means to control access to the media.

The MAC address is the physical address of the network card, uniquely identified worldwide and for data exchange and this MAC address is usually pre-set by the manufacturer.

Each network device is shipped with a unique MAC address (ie, there are no two devices with the same MAC address) and network devices communicate with each other through this address.

The Windows MAC address is very important because it helps network service providers distinguish one person from another to avoid fraud when using their services.

A little off topic, but for you to make it easier for you to imagine, let me take an example like this: IP address and MAC address are quite closely related and you can understand IP: is home address you, and MAC is your name (your information differs from others).

When a mail arrives, it is known to return your home address (IP Address), then it will forward it to the person named in the mail (MAC Address).

II. Use software to view and change MAC address

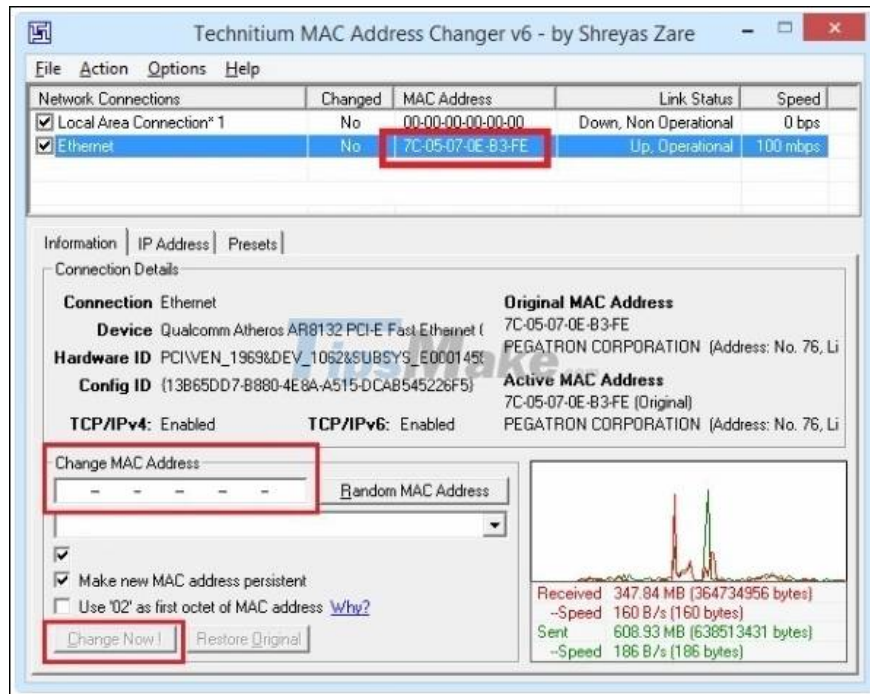
#first. Technitium MAC Address Changer

The software that I am talking about here is called **Technitium MAC Address Changer**. By using this software , viewing and changing your MAC address is easier than ever.

You don't have to know much about computers and you can do it in the blink of an eye. Apply for both PC and Laptop with just 1 click.

[Link from home page](#) / [Download software here](#) / [Link backup](#)

After downloading, install it and its main interface will look like this:



MAC address change

The interface is intuitive and very easy to understand right. For important locations, you have circled red, you just need to enter the fake MAC address and click **Change Now!** to change. Too simple, right ^^!

#2. MAC Address Change Software Smart DNS Changer & MAC Address Changer

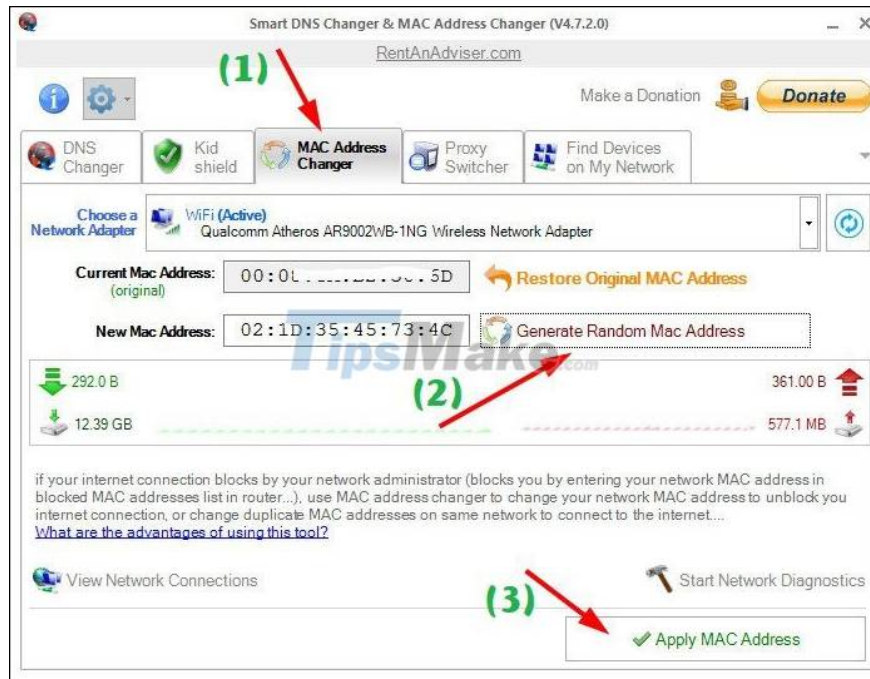
Download MAC Address Changer [here](#) / [Link backup](#)

This is also a free software that supports changing the MAC address of your computer very quickly and effectively.

Smart DNS Changer & MAC Address Changer not only supports users to change MAC address fast, but it also has additional great features that are:

1. **Kid Shield:** This feature determines the DNS for each user (User) on the computer. That is, when the user logs in, the DNS settings will automatically change to the DNS you installed earlier.
2. **DNS Changer:** Help you change the DNS of your computer quickly, you can switch to DNS of Google, Comodo, OpenDNS, Norton . extremely fast.
3. In addition, there are a few other features you can find out more by yourself.

Okey, after downloading the software, please install and open the software. The main interface of the software here:



To change the MAC address, you just need to switch to the tab **MAC Address Changer** => click **Generate Random MAC Address** => select **Apply MAC Address** is done.

Note: Field **current MAC address** is the MAC address of the computer truth. If you want to return to the real MAC address, click on it.

III. How to view Mac addresses on Windows (manually)

Implementation: Open the dialog box **RUN** (Windows + R) and type the command `cmd` then click **Enter** to execute.

At the interface by typing `cmd` window you `ipconfig/all` click **Enter** will display the following parameters:

```
cmd
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.
C:\Users\MyPC>ipconfig/all

Windows IP Configuration

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

Wireless LAN adapter Local Area Connection* 2: (LAN)

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . . : Microsoft Wi-Fi Direct Virtual Adapter
Physical Address. . . . . : 12-00-B1-D1-0-CF
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes

Wireless LAN adapter Wi-Fi: (Wifi)

Connection-specific DNS Suffix . . . :
Physical Address. . . . . : 10-00-B1-D1-0-CF
Autoconfiguration Enabled . . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::51b1:68ed:88ba:c352%4(Preferred)
IPv4 Address. . . . . : 192.168.1.100(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : 22 Tha'ng Ba 2015 3:18:07 CH
Lease Expires . . . . . : 22 Tha'ng Ba 2015 5:18:07 CH
Default Gateway . . . . . : 192.168.1.1
DHCP Server . . . . . : 192.168.1.1
DHCPv6 IAD . . . . . : 68159665
DHCPv6 Client DUID. . . . . : 00-01-00-01-1C-9A-B4-63-74-E6-E2-3B-4B-E7

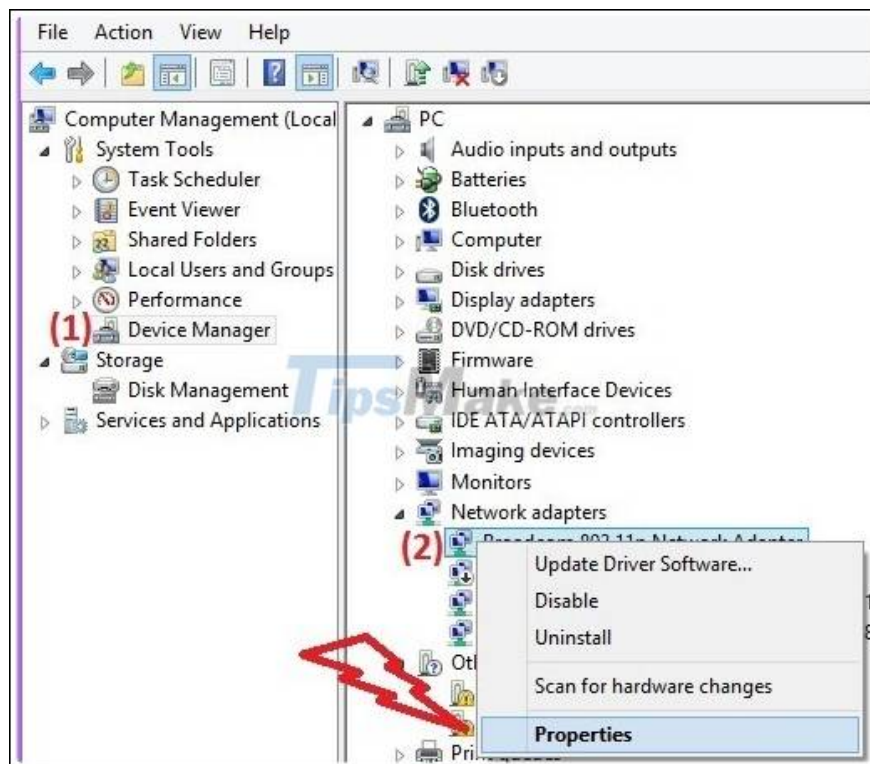
DNS Servers . . . . . : 8.8.8.8
                       8.8.4.4
NetBIOS over Tcpip. . . . . : Enabled
```

You pay attention to the **Physical Address field** will be the MAC address for devices, such as LAN card, wifi, bluetooth.

IV. Change the MAC address without using the software

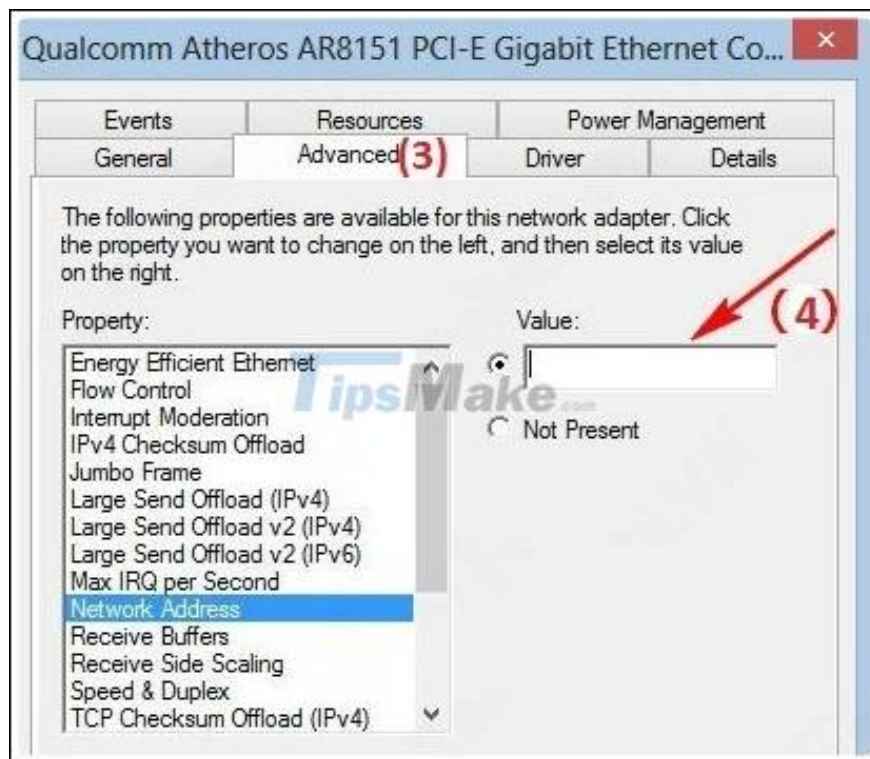
Method 1: Change the MAC address in Windows

- + **Step 1:** This method is quite simple, first right-click Computer (This PC) => select Manage
- + **Step 2:** The next window appears, select Device Manager and navigate to Network adapters => and right-click on the network interface you want to change the MAC address => select Properties.



+ **Step 3:** Switch to Tab *Advanced* => and navigate to the line *Network Address*.

In the **Value** section, type the MAC address that you want to change into => and click *OK* to complete (You can type 12 characters to include letters and numbers).



Method 2: Change the MAC address by editing the Registry

This way is a bit painful because I have to find a lot, but I also guide you through.

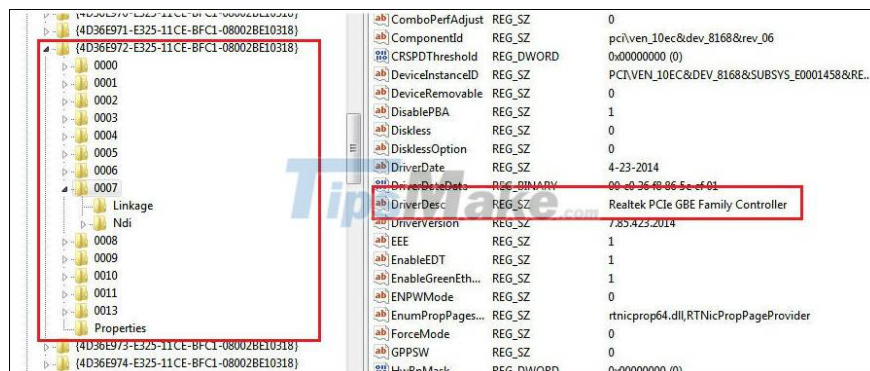
+ **Step 1:** First, open the run dialog (Windows + R) => and type the command `regedit` => and press OK.

+ **Step 2:** The Registry Editor dialog box appears, navigate to the following key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{4D36E972-E325-11CE-BFC1-08002BE10318}

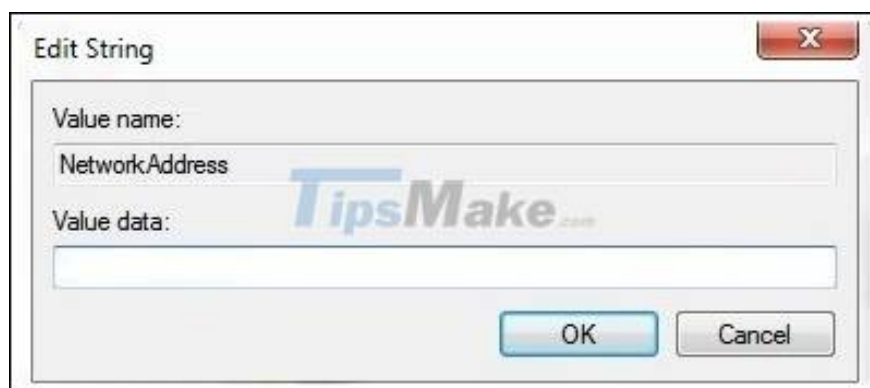
+ **Step 3:** You find the right key. Then click the drop-down arrow to display a list of subkeys in (0000,0001,0002...).

Click on each of those subkeys and notice to the right that it says `DriverDesc`, this is the name of your network card. See which one is right, then change it.



+ **Step 4:** At the key found (that is, right with your network card), scroll down and double-click on **Network Address**. Change the Mac address as desired, 12 digits and then click OK to finish.

Tips: Type 12 characters including letters and numbers in the box Value data is finished.



Above are 3 ways to **change MAC address** easily and quickly. But in my opinion, should use the first way, ie it is better to use software to change.

Because it is so easy to use and simple that anyone can do it. Hope the article will help you understand more about MAC address, wish you success !!!

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