

# How to change the Mac address on Windows 10, 8, 7

If you want to interfere with the MAC address to adjust some settings related to the network connection, you can still adjust the MAC address. In this article, the Software Tips will guide you How to change Mac address on Windows 10, 8, 7.

The MAC address is separately assigned to each network hardware on the computer and Internet-connected devices. Each network device has only one MAC address and it exists only one address in this world. If you want to interfere with the MAC address to adjust some settings related to the network connection, you can still adjust the MAC address. In this article, the Software Tips will guide you How to change Mac address on Windows 10, 8, 7.

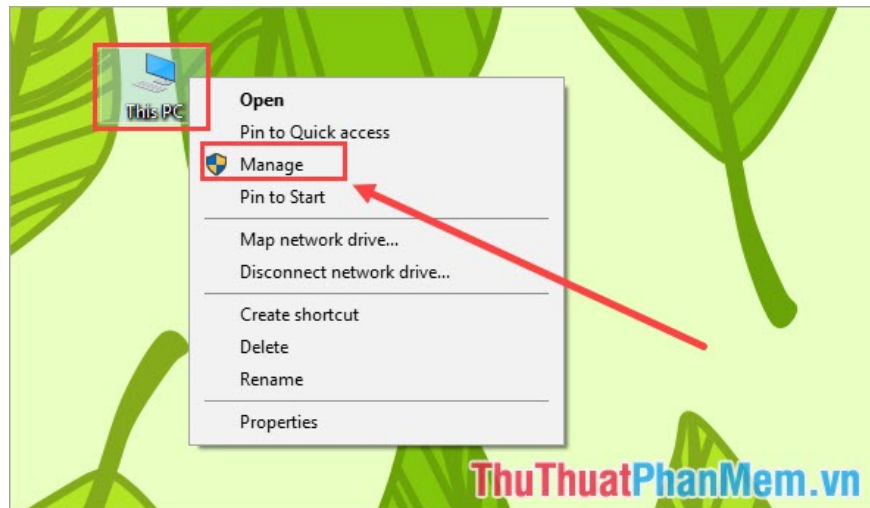


## I. Manual MAC address change

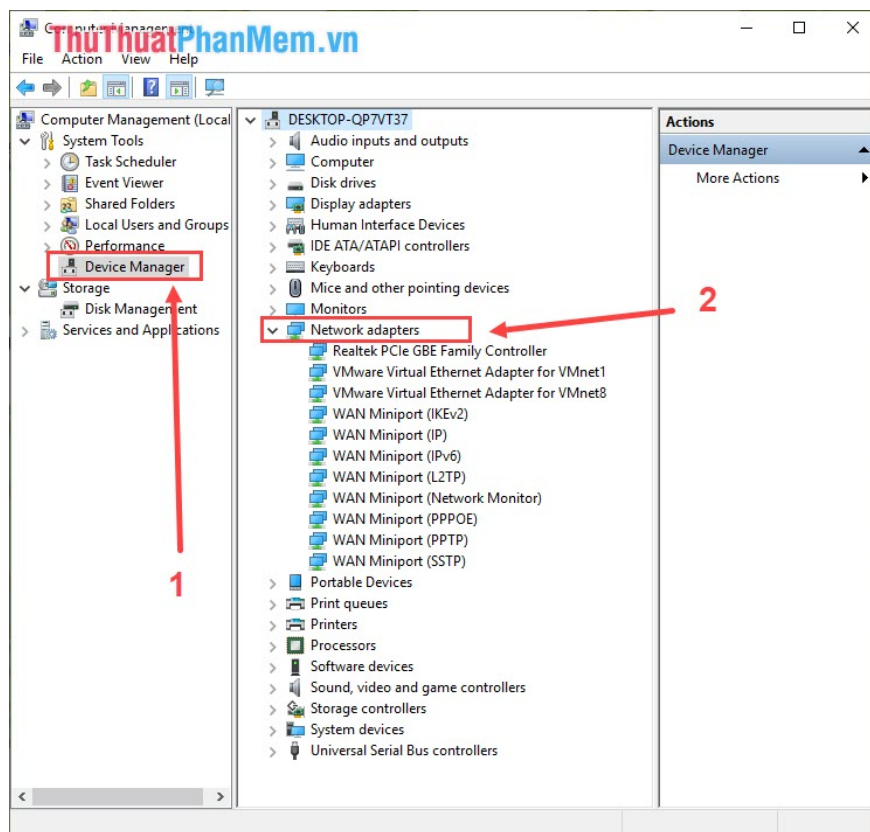
### 1. Change manually with Device Manager

With these manual changes, you will not take much time and quickly change the MAC address.

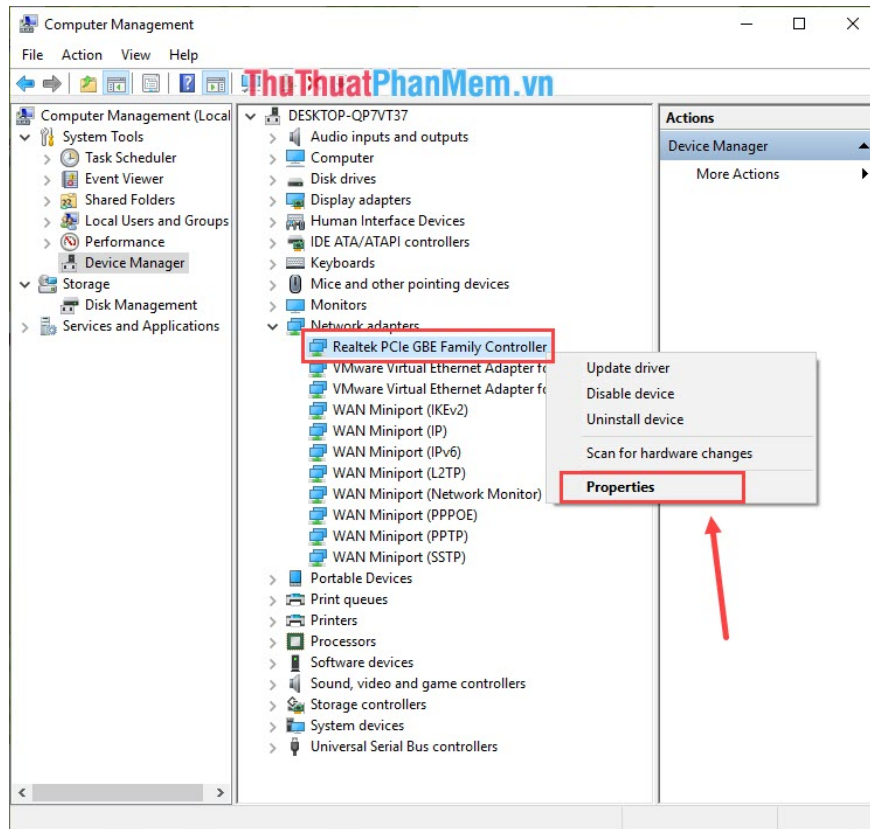
**Step 1:** Right-click on This PC and select **Manage** to open the option.



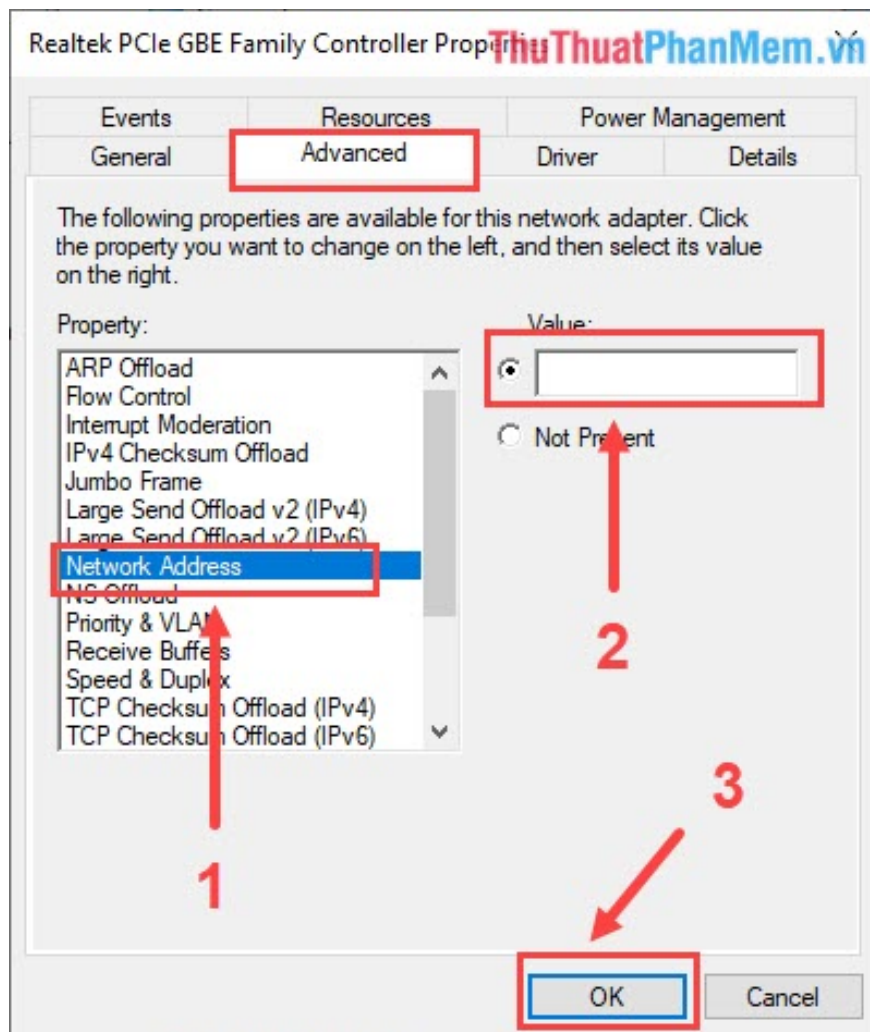
**Step 2:** Then you find the **Device Manager** tab , next you select the **Network Adapters** tab to find the **Network Card** .



**Step 3:** Usually the network card on the computer will have the code **Realtek PCIe GBE Family Controller** . You proceed Right-click and select **Properties** .



**Step 4:** In the **Properties** window, select the **Advanced** tab . Next, navigate to the **Network Address** section and adjust the **Value** setting to **1** . Then you proceed to enter the MAC address you want to replace here. Finally click **OK** to finish.

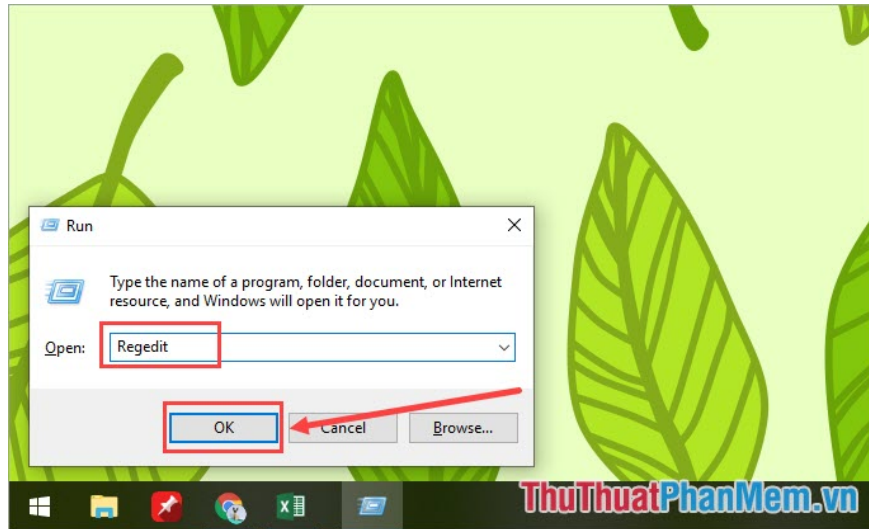


After changing the MAC address is complete, you proceed to restart the computer to the new MAC address is applied.

## 2. Change the MAC address via Regedit

How to change the MAC address via Regedit is a lot more complicated and will be a bit more difficult.

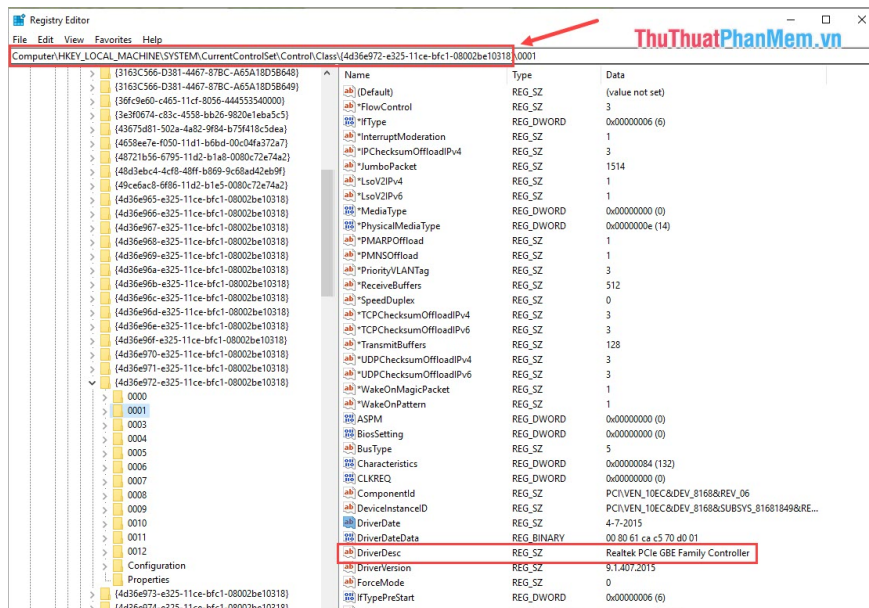
**Step 1:** You press **Windows + R** to open the **RUN** window . Then you enter **Regedit** and click **OK** to open.



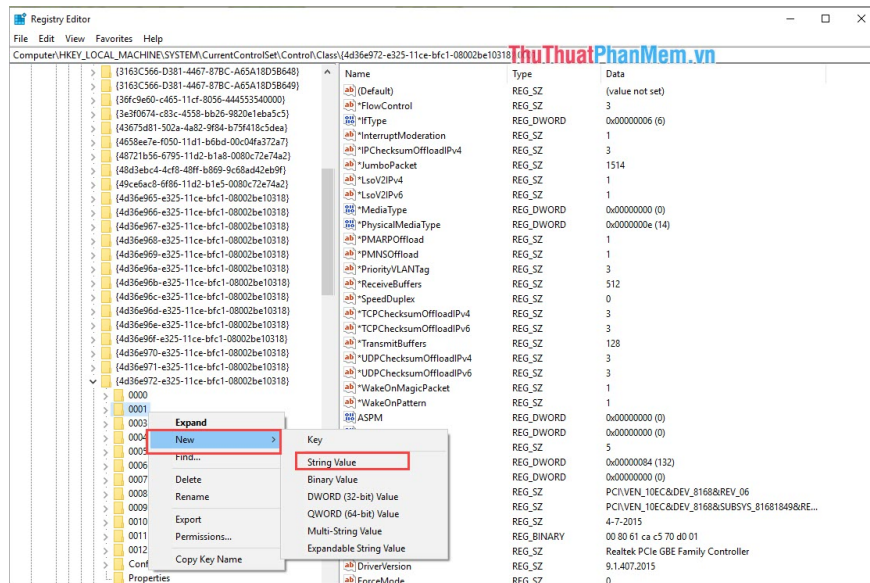
**Step 2:** When you open Registry Editor, you open the folders in the following order:

**HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{4D36E972-E325-11CE-BFC1-08002BE10318}**

When you open this folder, you will see a lot of small folders inside such as: **0000,0001,0002,0003,0004** . Your job now is to open folders one by one to Check if the folder containing the **DriverDesc** file has the correct Network Card name or not? ( usually will be **Realtek PCIe GBE Family Controller** ) .

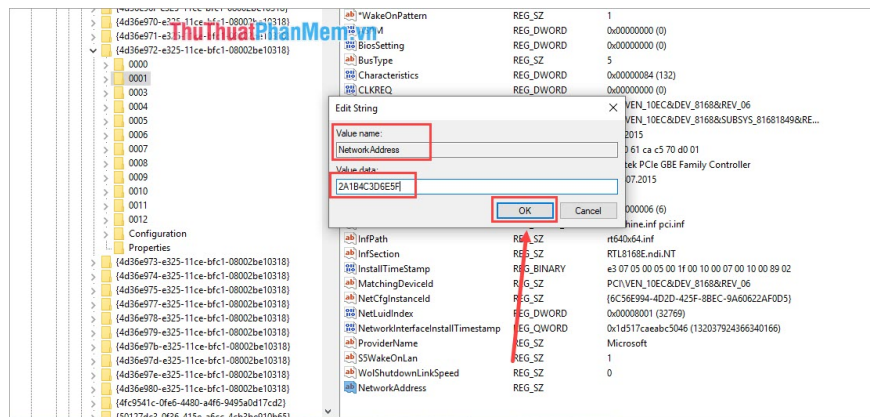


**Step 3:** Once you've found the folder containing **DriverDesc: Realtek PCIe GBE Family Controller** , right-click on that folder and select **New -> String Value** .



**Step 4:** Here you proceed to name the new file **NetworkAddress** and enter the MAC address. But note that the MAC address here will immediately write 12 numbers without separating the ":" .

**For example:** MAC Address **2A: 1B: 4C: 3D: 6E: 5F** , we will enter it as **2A1B4C3D6E5F** .



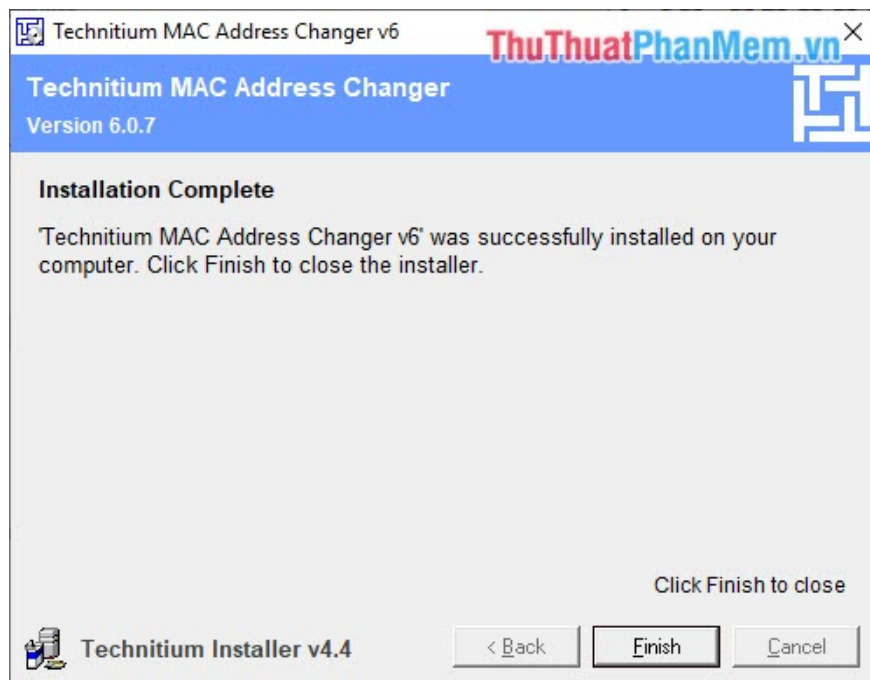
Then you restart the computer to the MAC address is changed and set.

## II. Change the MAC address by software

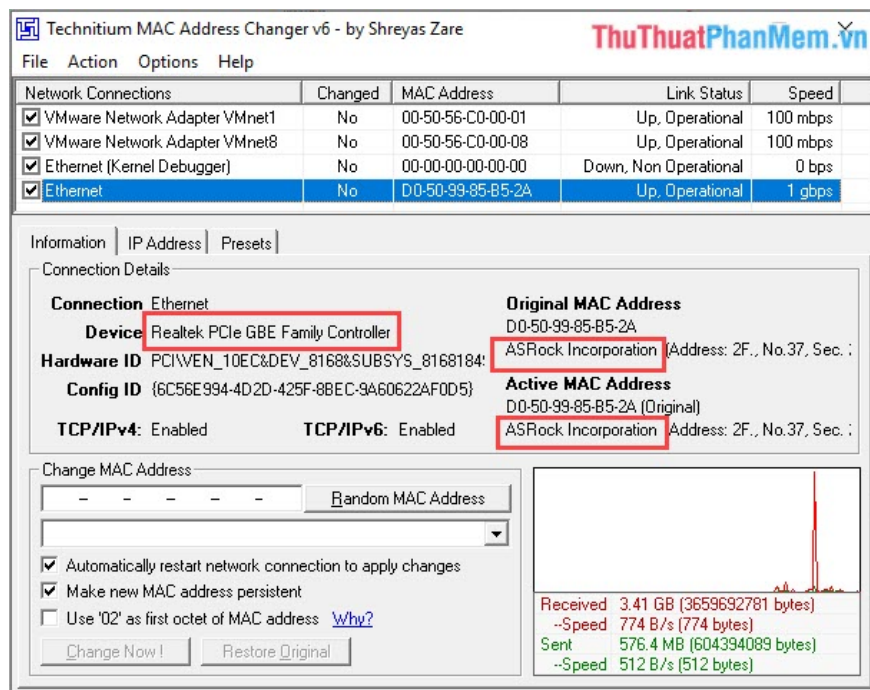
Changing the MAC address with the software is very simple and easy to perform on the computer. In this article, the Software Tips will guide you to change the MAC address using Technitium MAC Address Changer software.

**Link Download:** <https://technitium.com/tmac/>

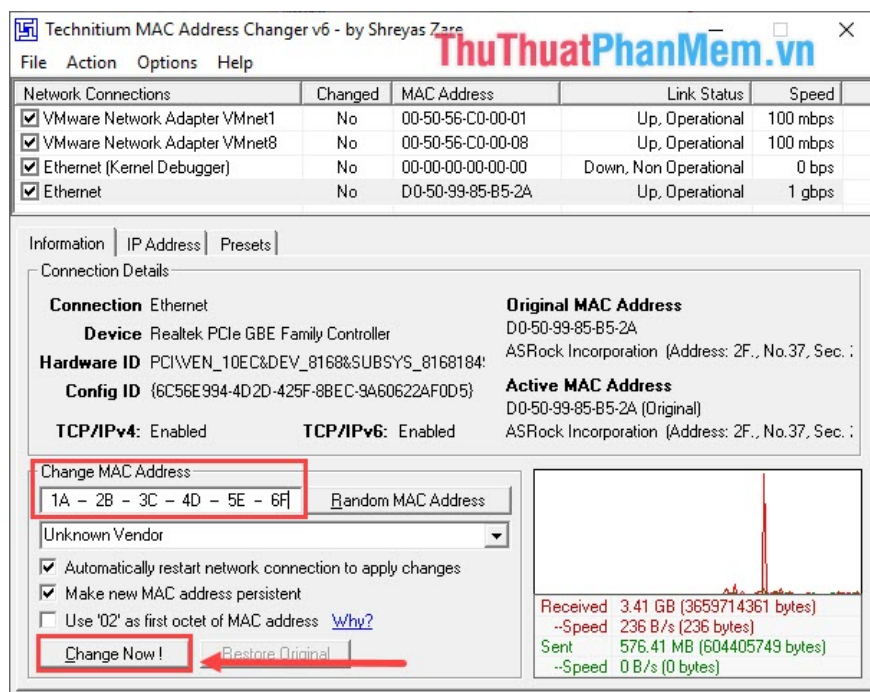
**Step 1:** You proceed to download the software and install it to use.



**Step 2:** After you launch the software, your first task is to check the selected **Network Connections in turn** . You need to find the **Network Connections** input with **Device** is **Realtek PCIe GBE Family Controller** (may vary by manufacturer), to make sure you can look to the right to see if it matches the manufacturer's name or not.



**Step 3:** After finding the right **Network Connections** , you enter the MAC address you need to change into the **Change MAC Address** section or click the **Random MAC Address** button to let the program generate its own random MAC address and click **Change Now** to start changing. change.



In this article, the Software Tips guide you how to change the MAC address on Windows 10, 8, 7 operating systems in many different ways. Please choose the way that suits you best! Good luck!

You finished reading the article "**How to change the Mac address on Windows 10, 8, 7**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.