

# Windows 7 computer running slowly, slow startup how to speed up?

Delete junk files, clean up your computer is the best way to speed up Windows 7, besides, there are 9 other tips to help your computer run faster, invite you to consult!

**Delete junk files, clean up your computer is the best way to speed up Windows 7, besides, there are 9 other tips to help your computer run faster, invite you to consult!**

Windows 7 is considered the most modern operating system, sleek interface but also the operating system that takes up a lot of system resources. Just like other operating systems, over time, your Windows 7 computer will gradually slow down, even hang or freeze, etc. So how to **speed up Windows 7**, help your computer? Please run as fast as when you first purchased, please refer to the following article of Network Administrator.

## 12 ways to speed up Win 7, make it run faster

1. Clean up the junk files on the system
2. Turn off services (services) running in the background
3. Expand virtual memory
4. Turn off the Visual Effects effect
5. Turn off services that start with Windows
6. Speed up the system with the Registry
7. Increase your RAM capacity
8. Using SSD hard drive
9. Update (update) system driver
10. Use Windows ReadyBoost
11. Disable Search Index
12. Disable Gadgets

### 1. Clean up the junk files on the system

To clean up junk files on a Windows 7 computer you can ask Disk Cleanup for help. Disk Cleanup is a nice and easy to use feature on Windows 7, using Disk Cleanup can help you easily retrieve 1-2 GB of space on the Windows installation partition, by deleting **.old files**. on that partition (usually appears every time the machine is reinstalled) that other applications often ignore.

To do this, go to My Computer, then right-click on the **C:** drive, select **Properties**. On the Properties window, click to select **Compress Old files** and then click **OK** to start the process of deleting compressed files on the

system. This process may take 15-20 minutes or longer depending on the size of the compressed file to be deleted. However, when done, you will see the **C:** partition with a significant increase in blank size.

## 2. Turn off services (services) running in the background

Too many services (services) running in the background are also the reason why your Windows 7 computer is getting slower and slower. Therefore, to overcome this situation, you should "turn off" unnecessary services.

To do this, click the **Start** button, in the **Search** box on the Start Menu , type the command **services.msc** and press **Enter** . Now on the screen that appears the Services window, here you find the services below, double click on each service (services), then at the **Startup Type** you choose to **Disabled** then click **OK** .

Services that can be turned off include:

1. **Network services** (Diagnostic Service Host, Diagnostic System Host, Distributed Link Tracking Client, DNS Client, IKE and AuthIP IPsec Keying Modules, Netlogon, Network Access Protection Agent).
1. Remote **control services** (Remote Desktop Configuration, Remote Desktop Services, Remote Desktop Services UserMode Port Redirector, Remote Procedure Call (RPC) Locator, Remote Registry).
1. **Encryption service for EFS** (Encrypting File System (EFS) file system).
1. **Net access** (Parental Controls) management, and other services:

Windows Firewall

Windows Error Reporting Service

Windows Time

Windows Update

Smart Card

Tablet PC Input Service

Windows Color System

Telephony

Themes

TCP / IP NetBIOS Helper

WebClient

Offline Files

Microsoft iSCSI Initiator Service

Peer Name Resolution Protocol

Peer Networking Grouping

Peer Networking Identity Manager

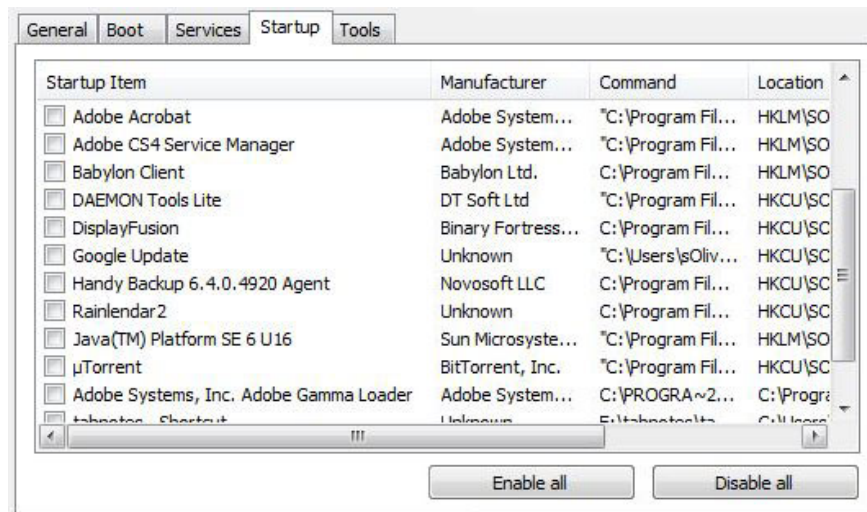
PnP-X IP Bus Enumerator

PNRP Machine Name Publication Service

Portable Device Enumerator Service

Control Reports and Solutions Control Panel Support

Program Compatibility Assistant Service



### 3. Expand virtual memory

This is also a way to help your computer avoid memory shortages when running applications that require more RAM.

To change the size of virtual memory, press the + **Pause / Break** key combination, then click the **Advanced System Settings link** , select the **Advanced => Settings tab** .

At this time, on the screen appears **Performance Options** window, here you select the **Advanced => Change** tab, uncheck **Automatically manage .** , click on the **C:** partition , then click **Custom size** , enter the **Maximum** value of **2500** (in MB, this value will vary depending on the available free space on the C partition :).

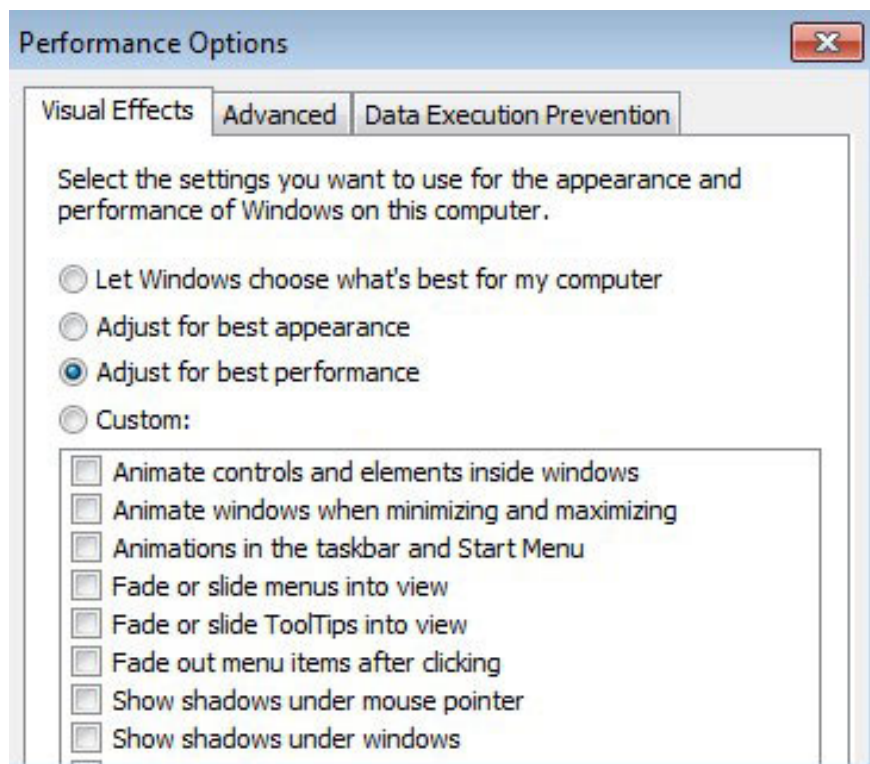
Finally click on **Set** and then click **OK** to close the window.

### 4. Turn off the Visual Effects effect

In addition to the services running in the background, the effect on Windows 7 is also the reason that your computer must "promote" the maximum capacity. So if you want the device to run smoothly, you disable this effect.

To disable Visual Effects, follow the steps below:

First press the + **Pause / Break** key combination, click the **Advanced System Settings link** , select the **Advanced => Settings tab** . Now, the **Performance Options** window appears, select the **Visual Effects** tab and check the **Adjust for best Performance option** . Finally click **OK**. This action will turn off most effects but in return your Windows 7 will run a lot softer.



## 5. Turn off services that start with Windows

Services that start with Windows are usually software (driver utilities, small applications, etc.) and they are rarely used, turning off these programs will save time and Windows starts quickly. than.

To do this, follow the steps below:

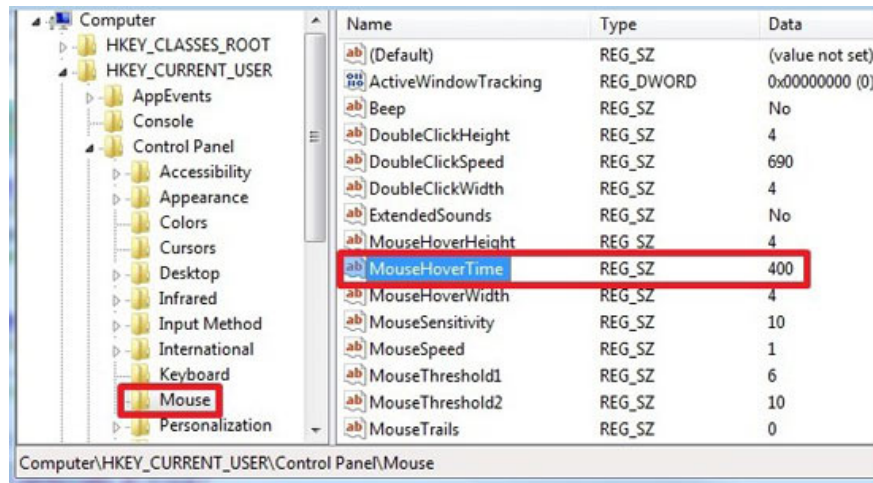
First click on the **Start** button, type **msconfig** command in the Search box and press **Enter** . At this time, the **System Configuration** window appears, where you select the **Startup** tab and tick the really unnecessary startup programs such as: **Alcmtr**, **Alcwzrd**, **Soundman** (if you use Realtek's sound), **Igfxtray** ( If you use Intel video card), **Catalyst Control Panel** (with ATI video card) and some other services such as Yahoo Messenger, Dump, .

## 6. Speed ??up the system with the Registry

- Shorten menu display time: First, click the **Start** button, then enter **Regedit** into the Search box to open the Registry Editor window.

On the Registry Editor window, expand the **Hkey\_Current\_User** section, open the **Control Panel => Desktop** folder, then double-click the **Menushowdelay** key in the right pane, change this value from **400** to **50** .

- Speed up mouse response: Also in this key, select the key as **Mouse**, then find the key named **MouseHoverTime** in the right pane and change the value from **400** to **50** .



- Automatically end the application when suspended: You access the following link, then double-click the key named **AutoEndTask** and set the value to 1:

**[Hkey\_Current\_UserControlPanelDesktop]**

- Reduce waiting time to finish an application: Access the following link:

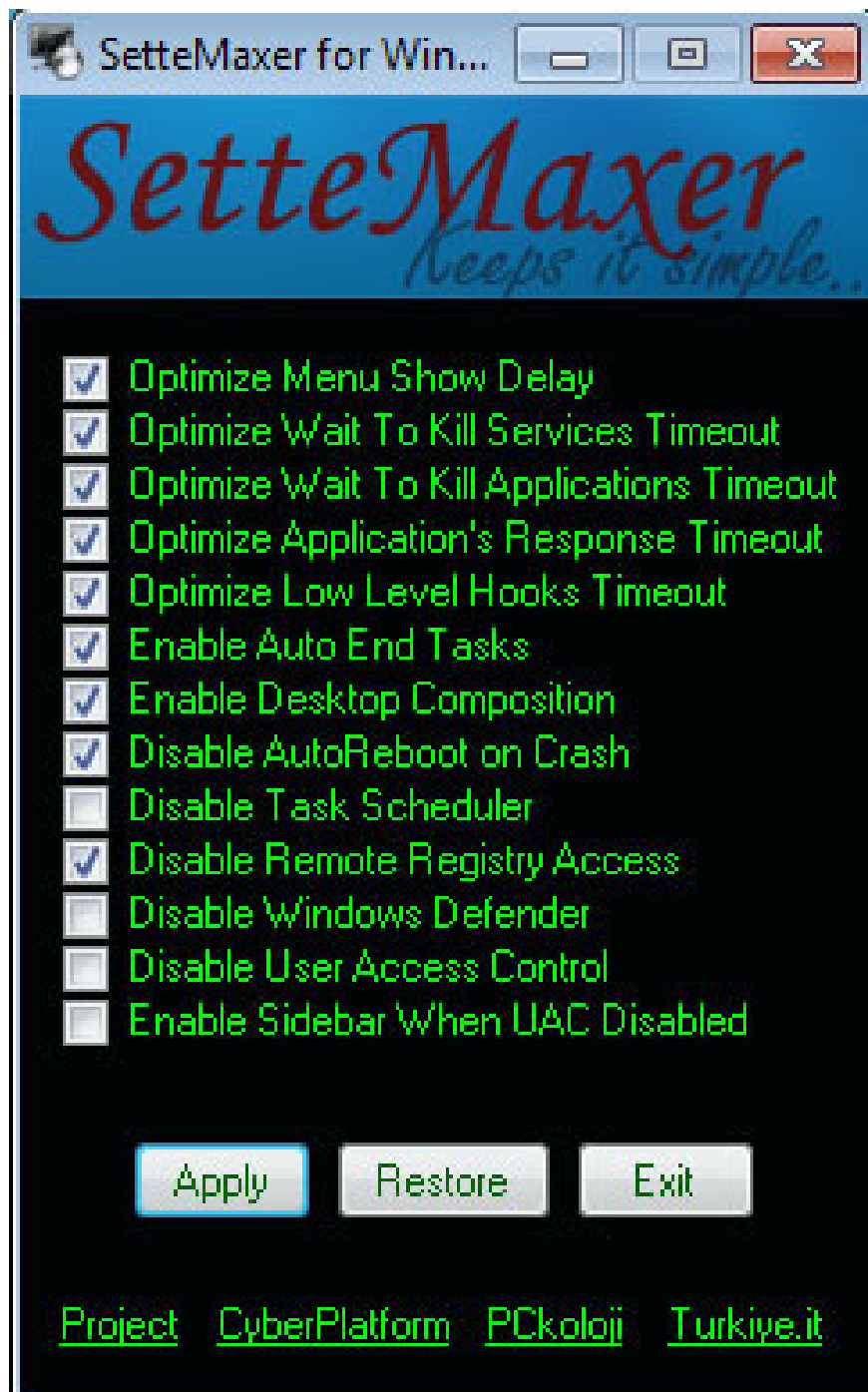
**[Hkey\_Local\_MachineSystemCurrentcontrolsetControl]**

Here you find and double click on the key named **WaitToKillServiceTimeout** and set the value to 1000.

Next, you access the link:

**[Hkey\_Current\_UserControl PanelDesktop]**

Double click on the key named **HungAppTimeOut** and **WaitToKillAppTimeout** , set the value for the two keys to 1000, respectively.



## 7. Increase your RAM capacity

Increasing RAM capacity can significantly improve Windows 7 performance, speed up your computer . For users of Windows 7 64-bit versions, only 4GB of RAM is required, and for users of 32-bit versions, only 3GB of RAM is required.

1. Instructions on how to upgrade RAM on computers and Laptops

If you use a computer to perform more intensive tasks such as CAD or video editing, the ideal solution is to use RAM that is larger than 4 GB. However, one thing to keep in mind is that adding memory capacity cannot improve overall performance, it also depends on many other factors such as the central processor CPU and hard drive.

## 8. Using SSD hard drive

SSDs will significantly improve the performance for most applications on your Windows 7 computer, especially improving the application's boot time.

## 9. Update (update) system driver

Updating the system driver (graphics card, chipset, audio, .) will help you fix some errors on the system. At the same time, using the latest driver version will give you the experience of new features integrated on it.

## 10. Use Windows ReadyBoost

ReadyBoost is the use of a fast memory / card drive to provide high-speed System cache, improve system performance without installing or adding RAM.

ReadyBoost is compatible with fast read and write devices, so it can provide faster buffering for random I / O operating systems.

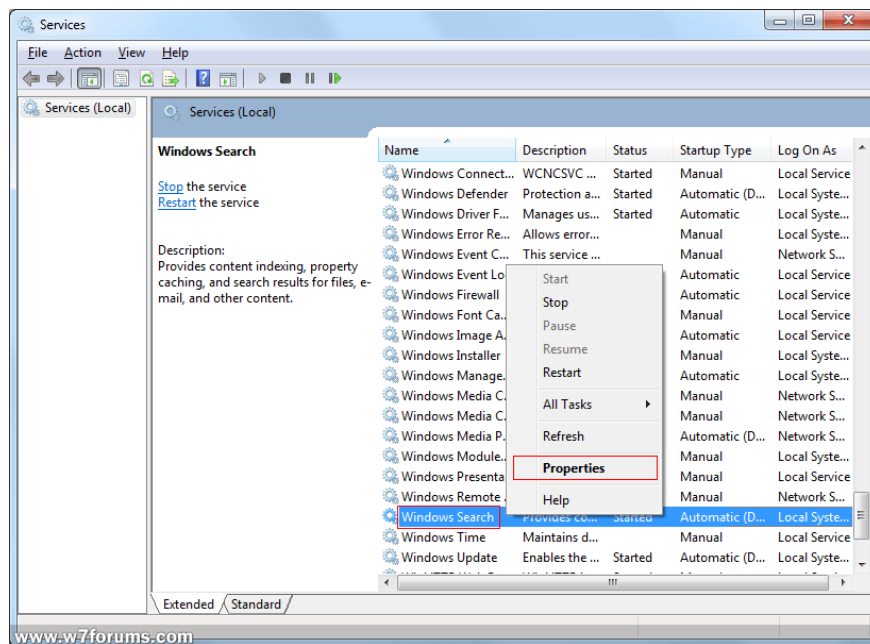
## 11. Disable Search Index

With this feature, Windows 7 will scan your hard drive and create an index of multiple files, emails and other items on your computer. Every time you search for these items, Windows will display search results faster. However, the drawback of this feature is that it consumes a lot of resources on your computer and causes your Windows 7 computer to slow down. If the computer is too sluggish, disabling Search Index will help **speed up the computer** .

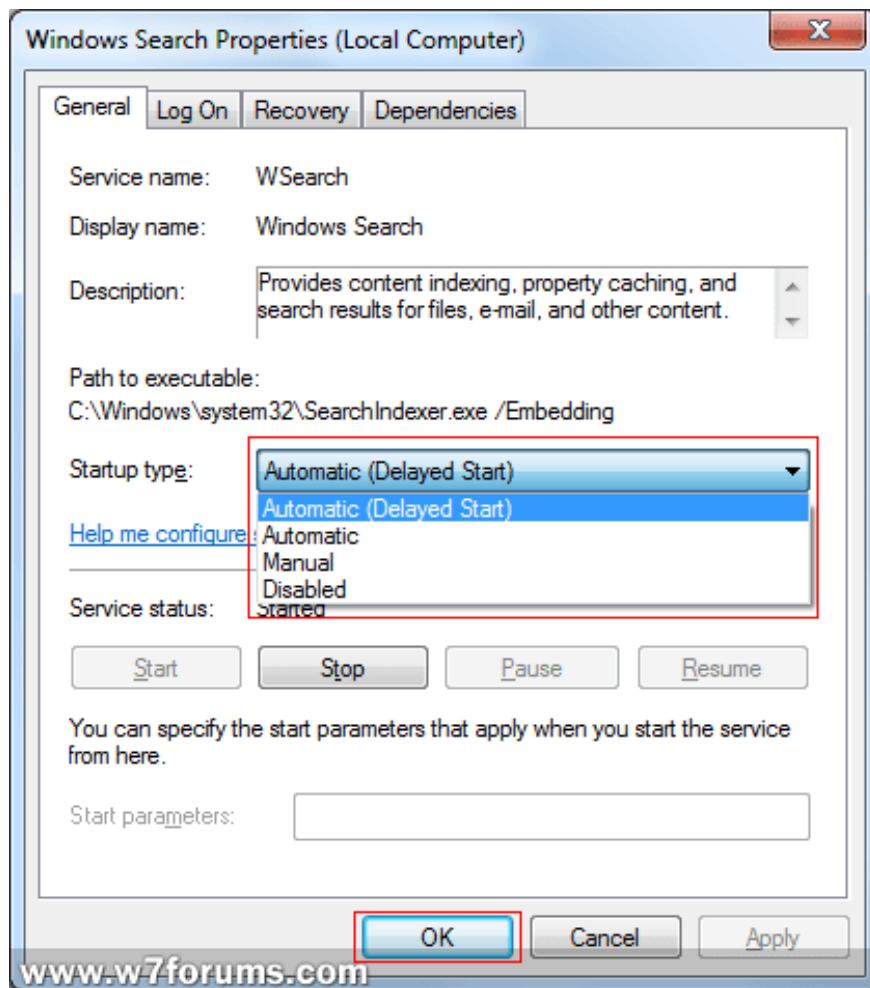
To disable or enable Search Index, follow the steps below:

First enter **services.msc** into Search box on Start Menu or press **Windows + R** key combination to open the Run command window, then enter **services.msc** into it and press Enter.

The Services window will now appear. Here you scroll down to find and right-click the service named **Windows Search** and select **Properties** .



The Windows Search Properties window appears. If you want to disable the Search Index, from the Startup Type menu on the Windows Search Properties window, click **Disbale** . And if you want to activate Search Index, click **Automatic (delayed start)** .



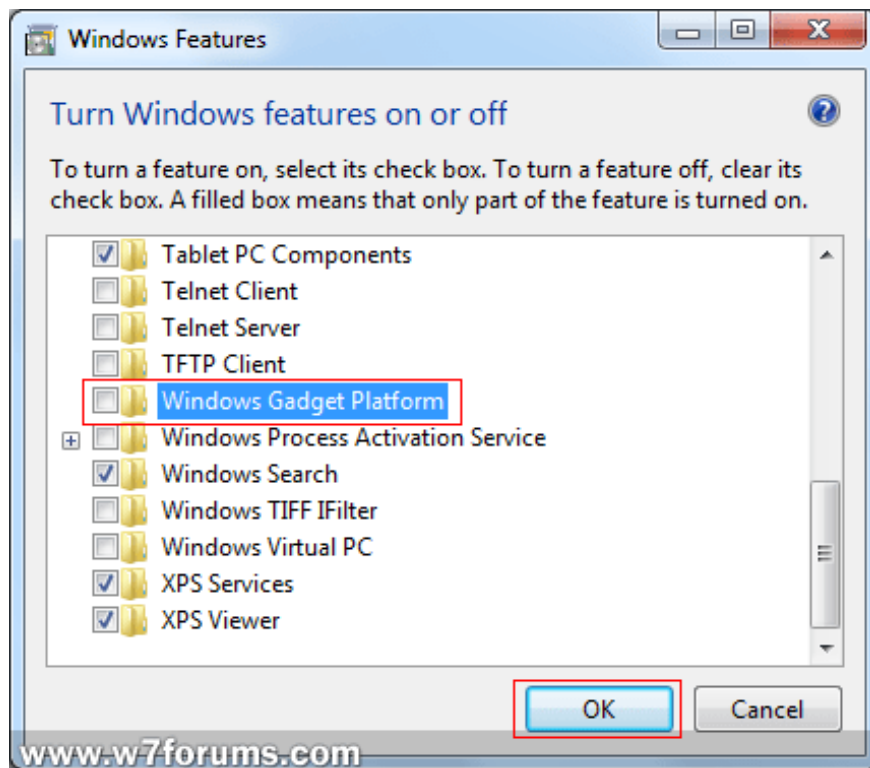
## 12. Disable Gadgets

Windows 7 uses custom Gadgets, which you can place anywhere on the Desktop, unlike the sidebar on Windows Vista version. However, these gadgets consume small system resources to display and update (update). Therefore, you should turn off all gadgets to speed up and improve system performance.

To disable gadgets on Windows 7, follow the steps below:

First enter "**Turn Windows features on or off**" into the Search box on the Start Menu and then press **Enter** or access **Control Panel => Programs => Turn Windows features on or off** .

Next on the Turn Windows features window on or off, you find and remove the **Windows Gadget Platform** item and then click **OK**.



If you want to re-enable gadgets, follow the same steps and select the **Windows Gadget Platform** then click **OK**.

Refer to some of the following articles:

1. How to fix the screen error of Windows 7/8 / 8.1 / 10 is black
1. Enable Safe Mode in Windows 7
1. How to disable / enable Windows Firewall in Windows 7, 8

Good luck!

You finished reading the article "**Windows 7 computer running slowly, slow startup how to speed up?**" 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.