

# How to speed up computer effectively - Speed ??up computers, laptops

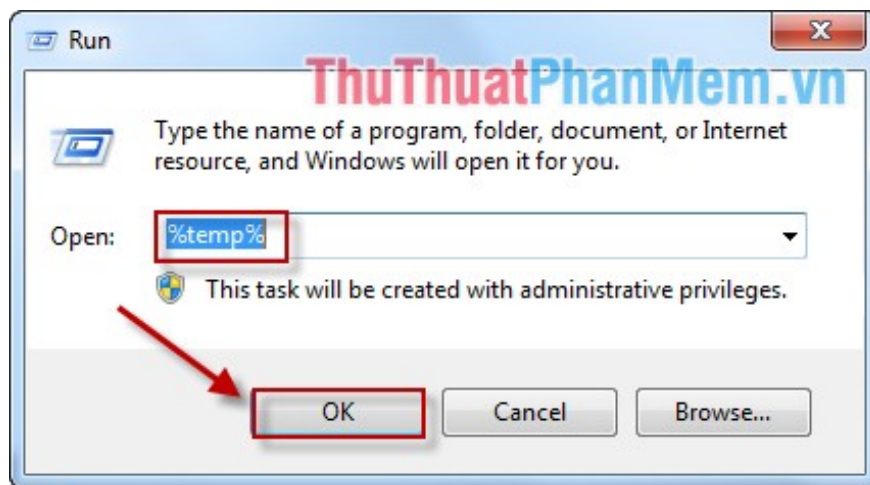
Slow computer can cause many reasons, please do the following steps to improve your computer speed offline.

A slow computer can be caused by many reasons, due to the time it generates a lot of junk files to fill the hard drive, because there are many hidden software running on the system unnecessarily, due to improper settings on the computer. Reasonably, please follow the steps below to improve your computer speed.

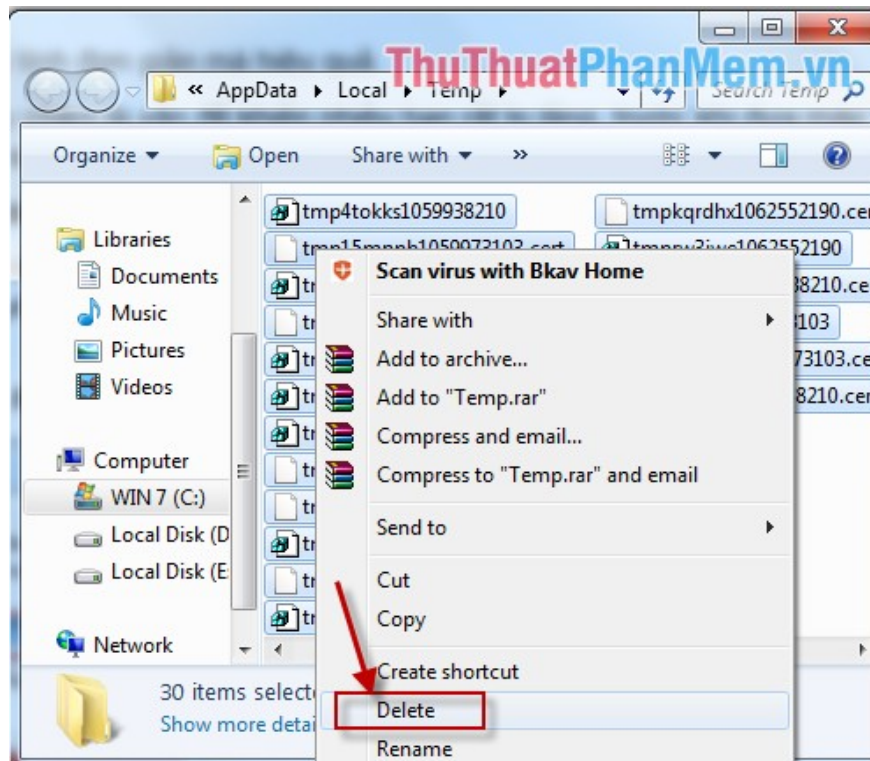
## 1. Delete junk files

During the installation and use of software programs that automatically create junk files, they gradually take up more computer resources, making the computer work slowly so you should delete junk files often. piercing.

**Step 1:** Open the **Run** dialog box -> `%temp%` .



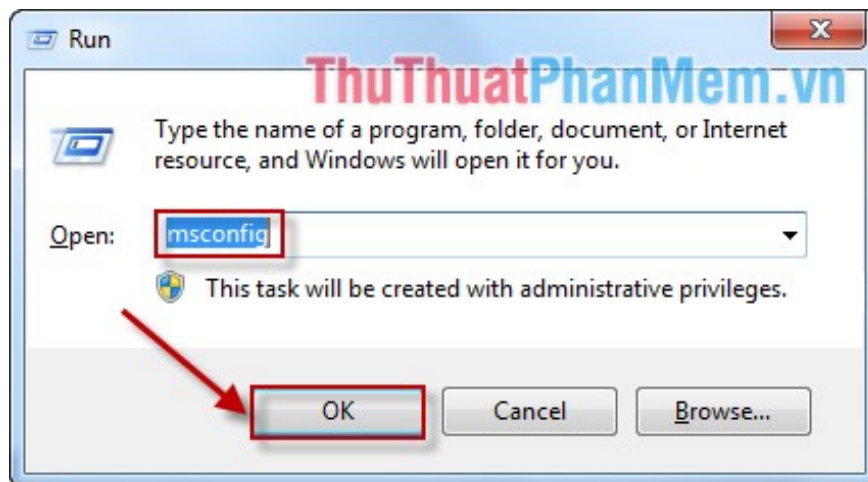
**Step 2:** Press the key combination **Ctrl + A** -> **Delete** .



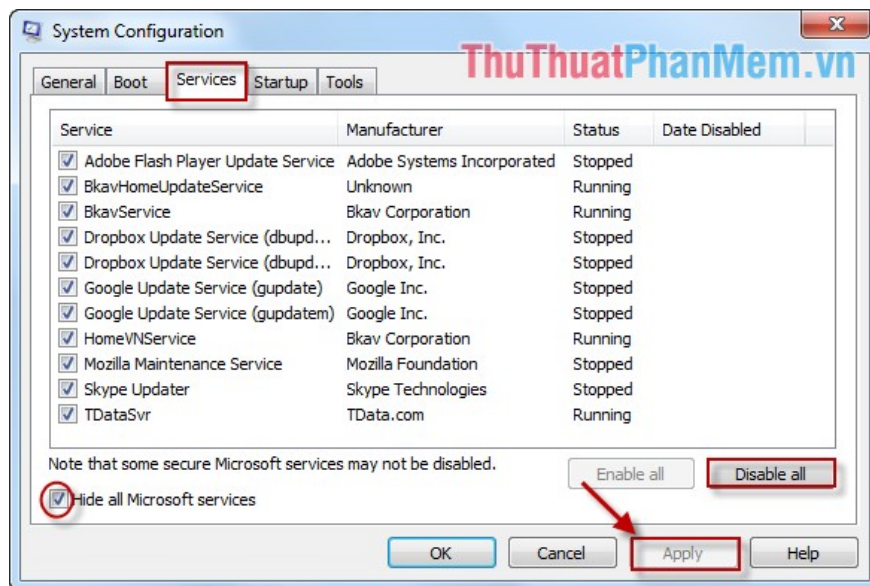
## 2. Disable unnecessary Startup and Service

When you install a certain software, they automatically activate the startup mode with Windows, which makes your computer start and **turn off** quite slowly. So choose exactly what software is needed and not needed when booting Windows.

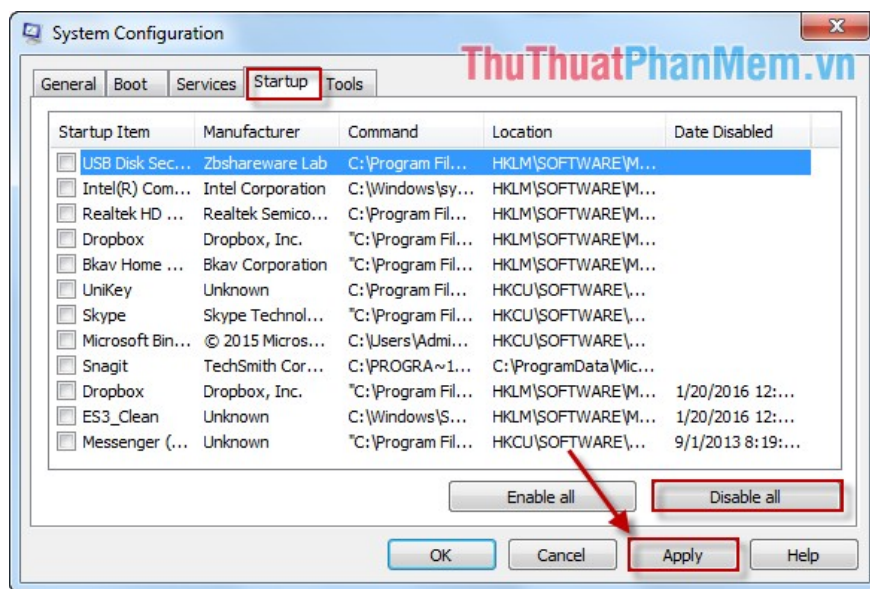
**Step 1:** Open the **Run** dialog box -> type *msconfig* command .



**Step 2:** Scroll to the **Service** tab, select **Hide all Microsoft service** to display the services running on the system. Uncheck the Unnecessary Service, if you want to remove all you select **Disable all** , then press **Apply** .



**Step 3:** Move to the **Startup** tab, this tab lists the programs that are automatically run when Windows starts, uncheck the programs you want to shut down, if you want to disable, select **Disable all** , then click **Apply** .

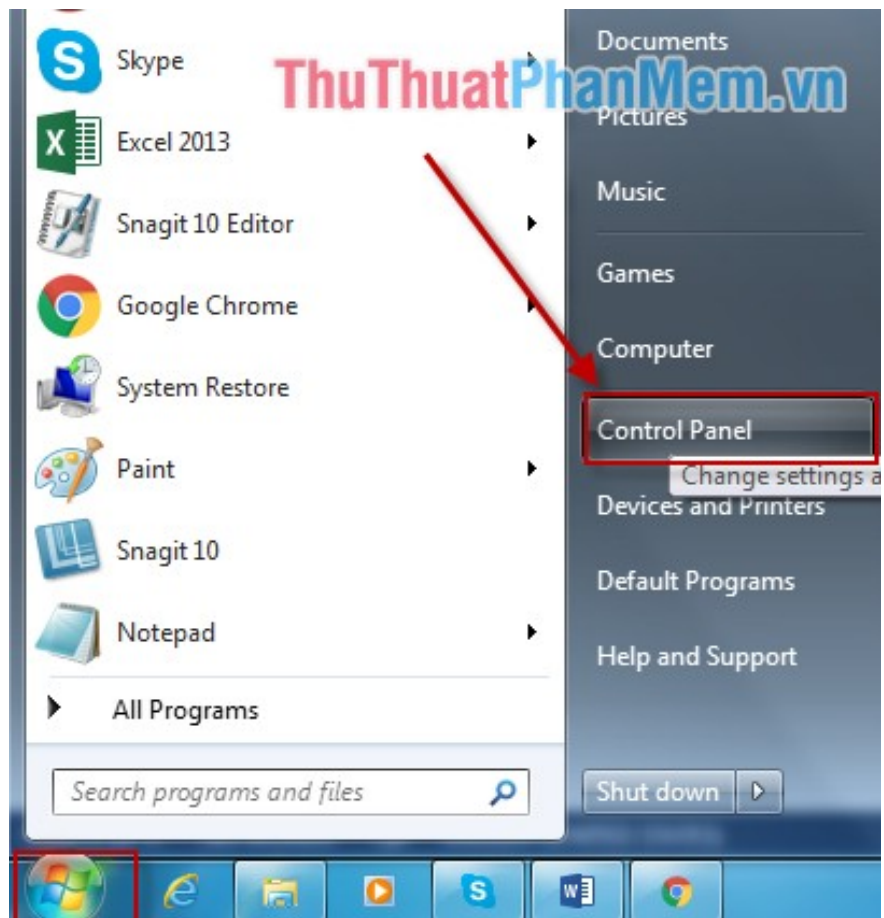


After performing 2 steps on Windows requires you to restart to take effect, you select Restart to restart.

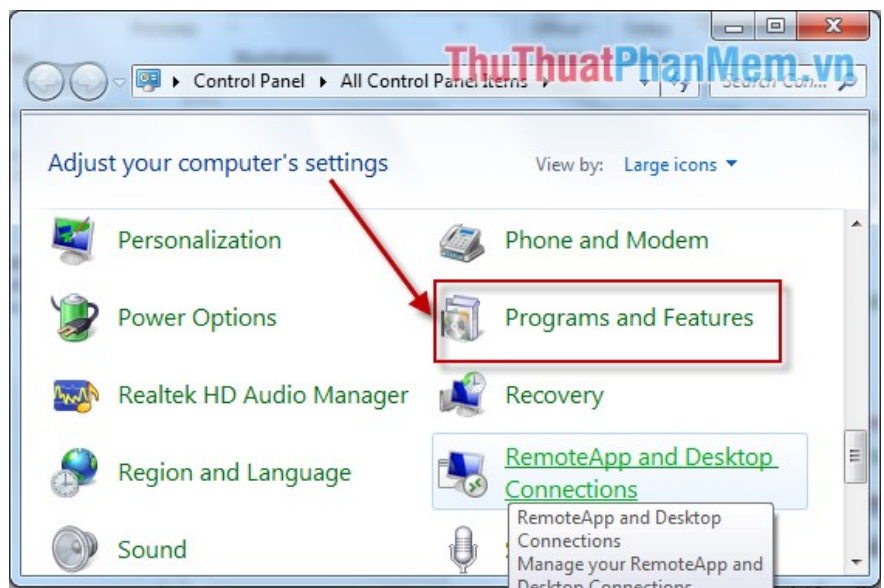
### 3. Remove unnecessary software

With software no longer in use, you should remove it to free up the hard drive, which makes your computer work faster.

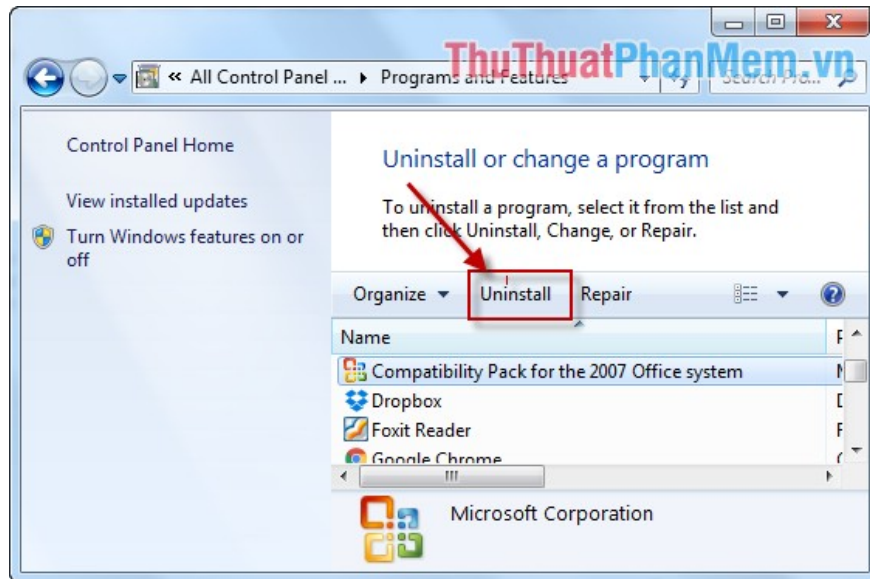
**Step 1:** Go to **Start -> Control Panel** .



**Step 2:** Select **Programs and Features** .



**Step 3:** Select the application to remove -> click **Uninstall** .

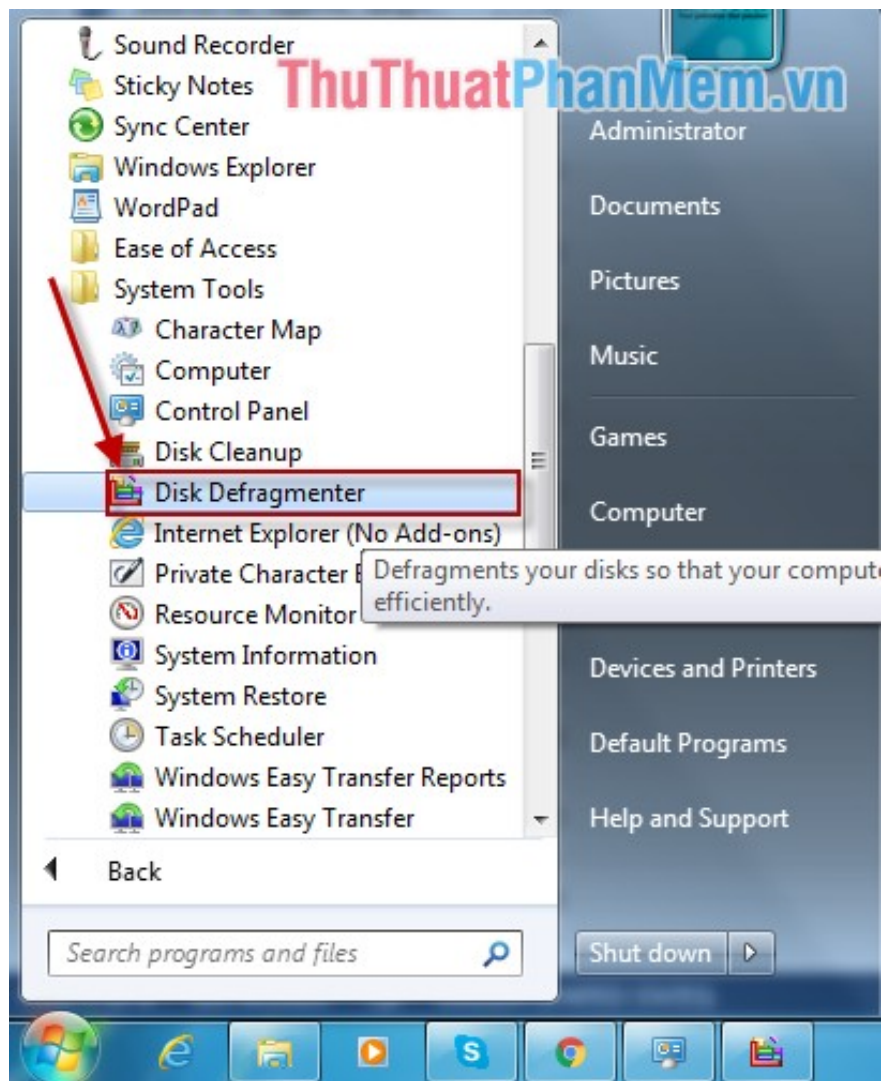


## 4. Defragment the hard drive

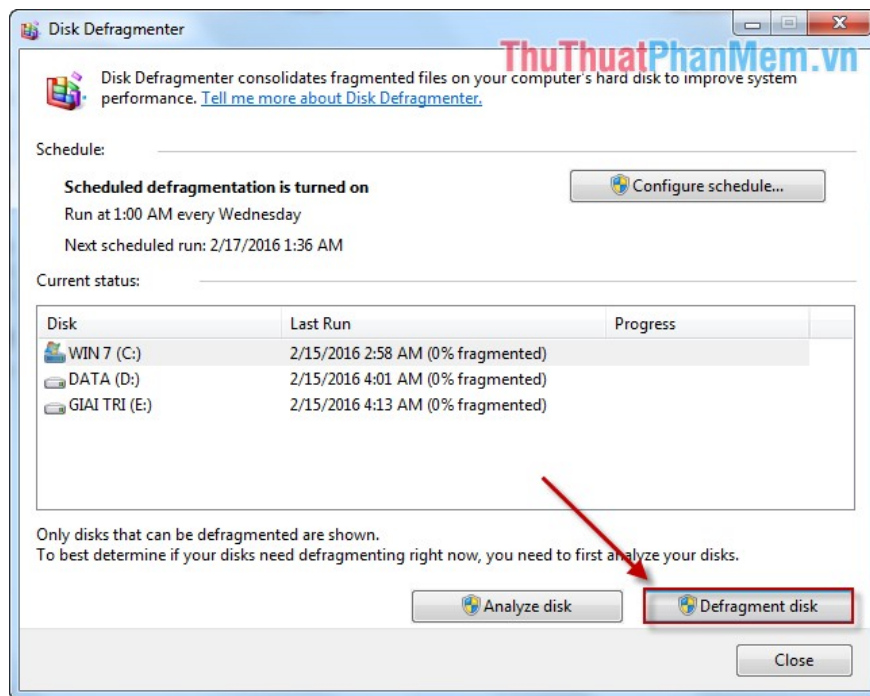
After using for a while your computer hard drive will become fragmented making data access slow down, you need to run a hard drive defragment program to fix this.

*Note: If you use an SSD, there is no need to defragment the hard drive*

**Step 1: Start -> All Program -> Accessories -> System Tool -> Disk Defragmenter .**



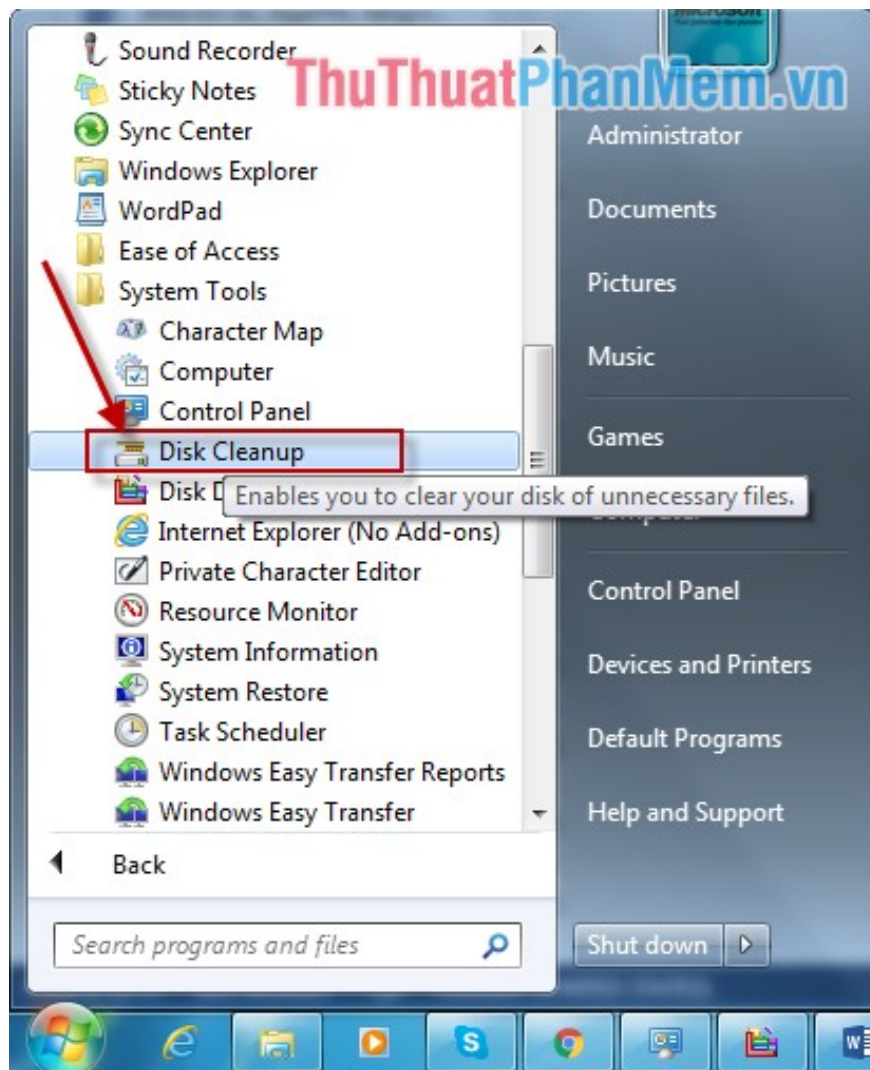
**Step 2:** A dialog box appears and click **Defragment disk** .



## 5. Use Disk Clean or Ccleaner

You can use the built-in rubbish tool on Windows or use Ccleaner software. In this article, guide you to use Disk Clean on Windows.

**Step 1: Start -> All Program -> Accessories -> System Tool -> Disk Cleanup .**



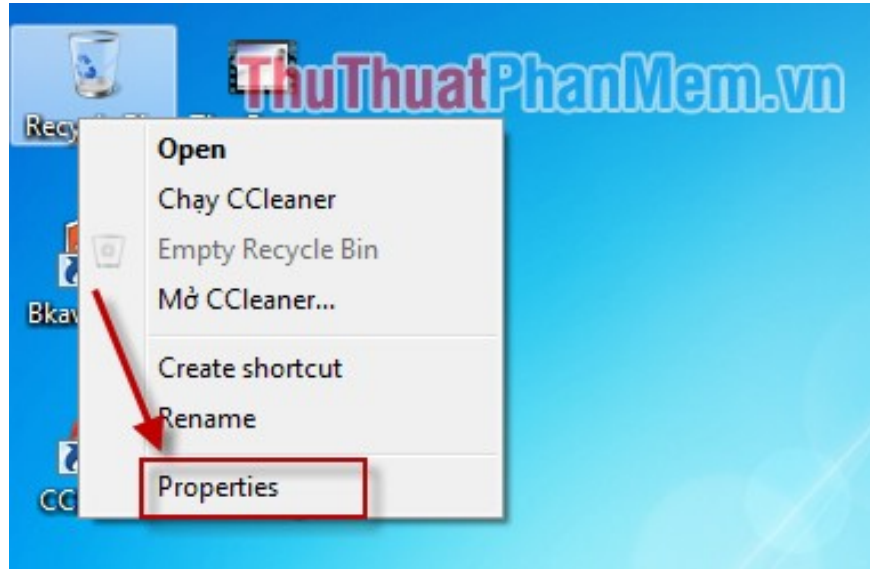
**Step 2:** A dialog box appears, select the drive you want to clean -> **OK** .



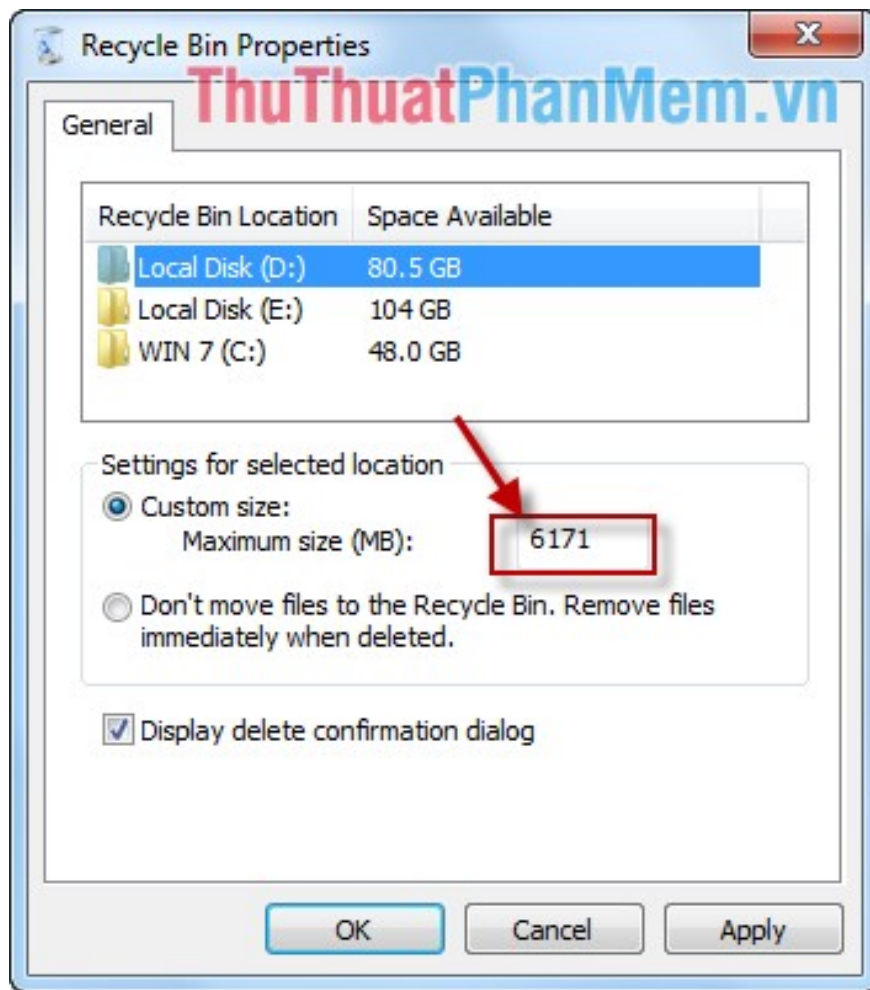
## 6. Resize the trash

For each hard drive partition, there is a corresponding recycle bin capacity. The bigger the hard drive, the bigger the trash capacity. **The Recycle Bin** operates on the principle that the oldest deleted files in the trash are permanently deleted when the trash is full. Therefore, you should adjust the Recycle Bin capacity to optimize the hard drive -> the computer works faster.

**Step 1:** Right-click **Recycle Bin** -> **Properties** .



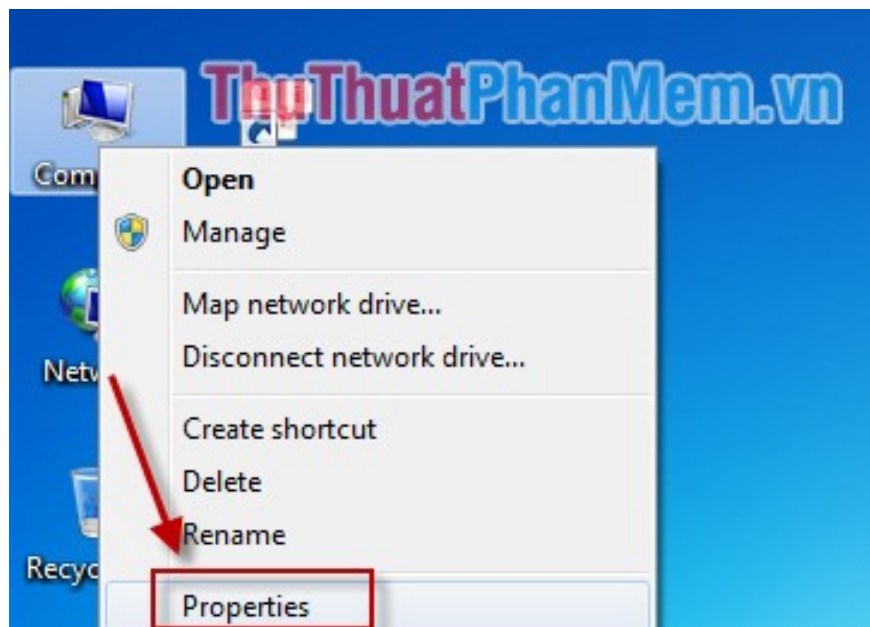
**Step 2:** A dialog box appears, select the drive and change the trash capacity (as shown) -> **OK** .



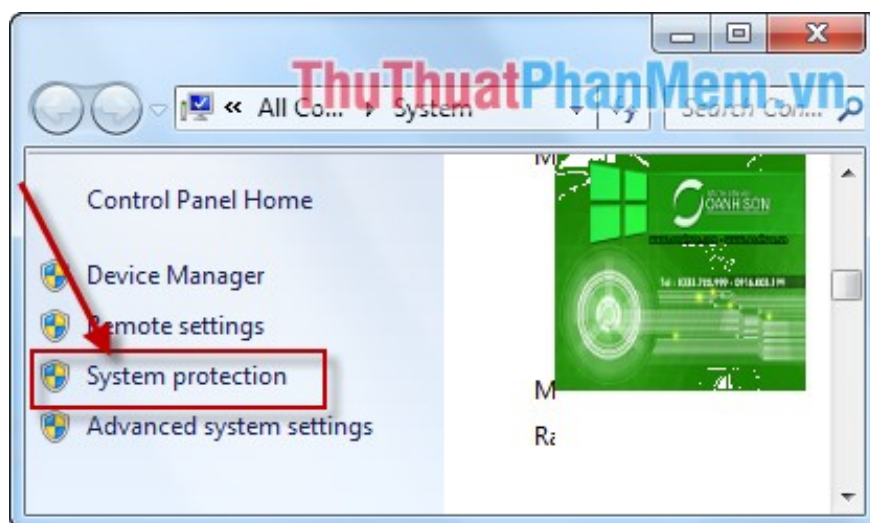
## 7. Disable the System Restore function

The **System Restore** feature on Windows helps you troubleshoot problems when your computer crashes, but it is rare for you to use it, you can turn it off to save hard drive space and improve performance. improve the performance of the machine.

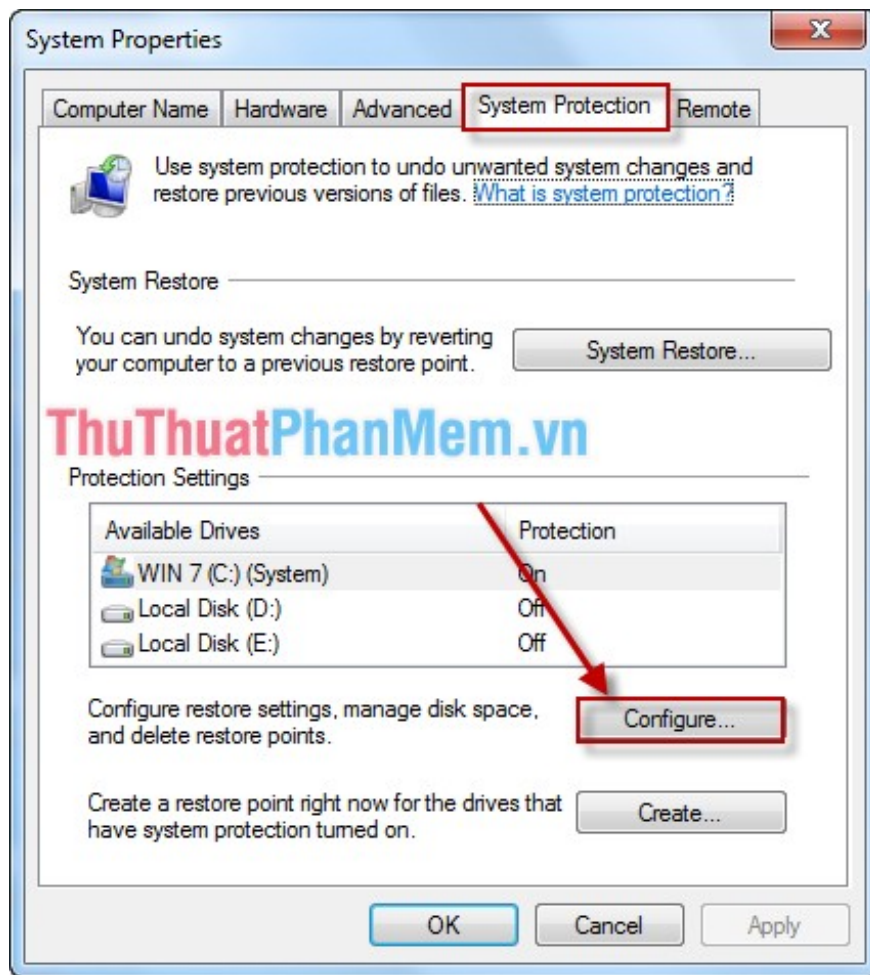
**Step 1:** Right-click **My Computer** -> **Properties** .



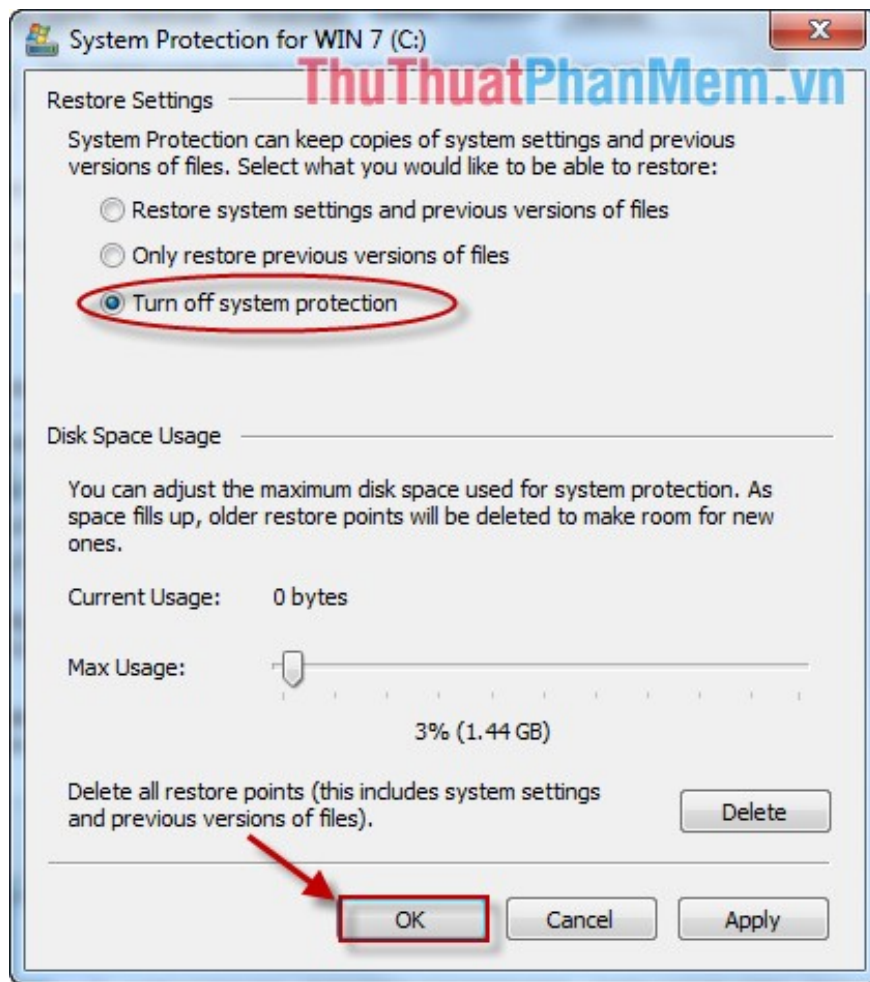
**Step 2:** Click **System protection** .



**Step 3:** Click the **System Protection** tab -> **Configure** .



**Step 4:** Integrate select **Turn off System Protection** -> **OK** .

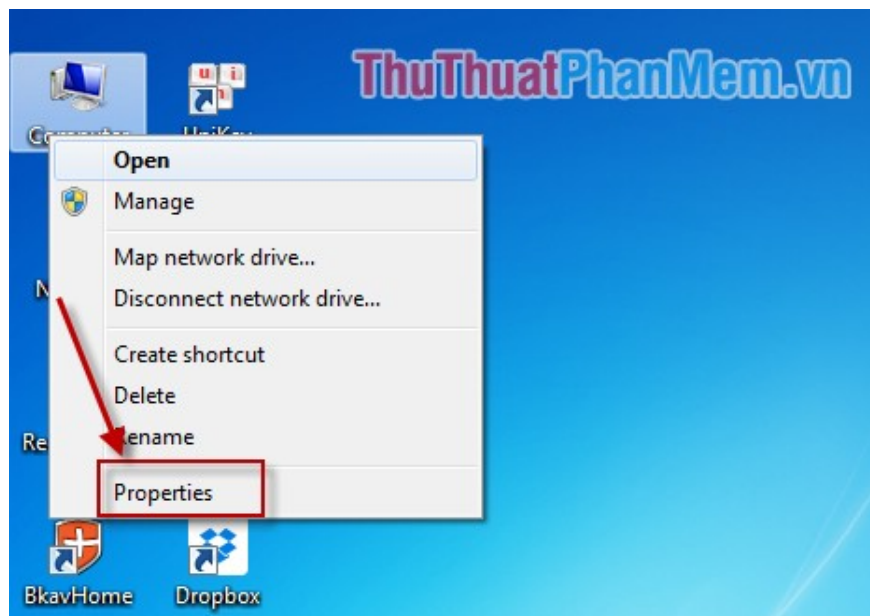


A message box appears, select **Yes** .

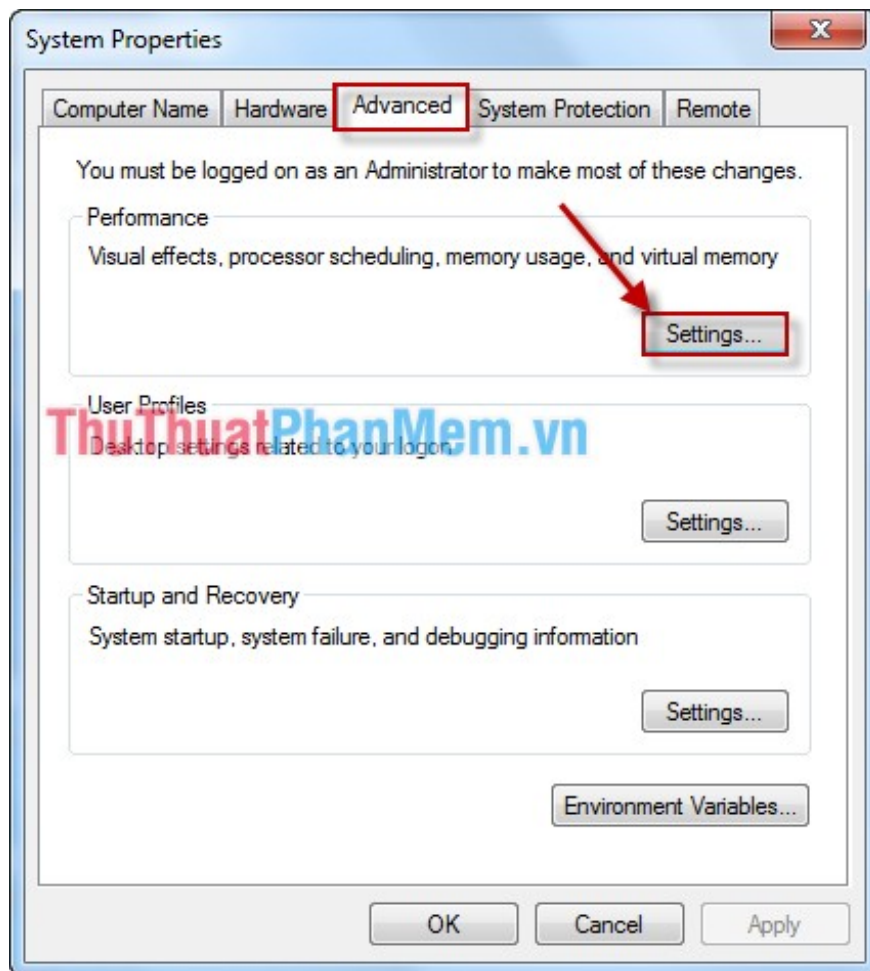
## 8. Set additional virtual RAM on the computer

The lack of Ram is the reason that makes your computer sluggish. If you do not have conditions to buy more RAM for your computer, you should try the following.

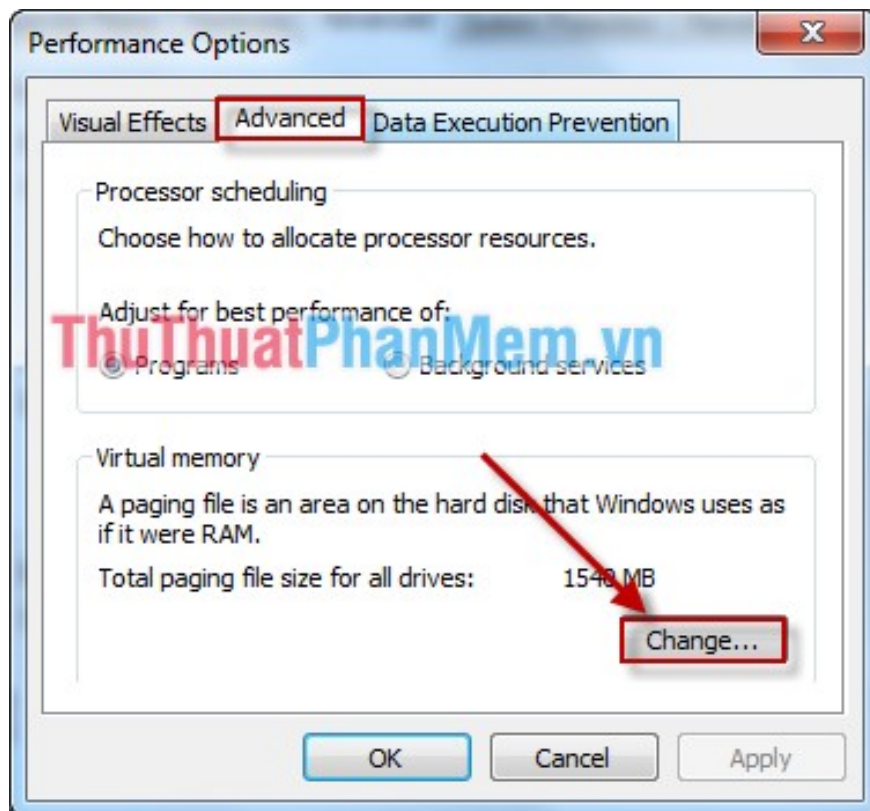
**Step 1:** Right-click **My Computer** -> **Properties** .



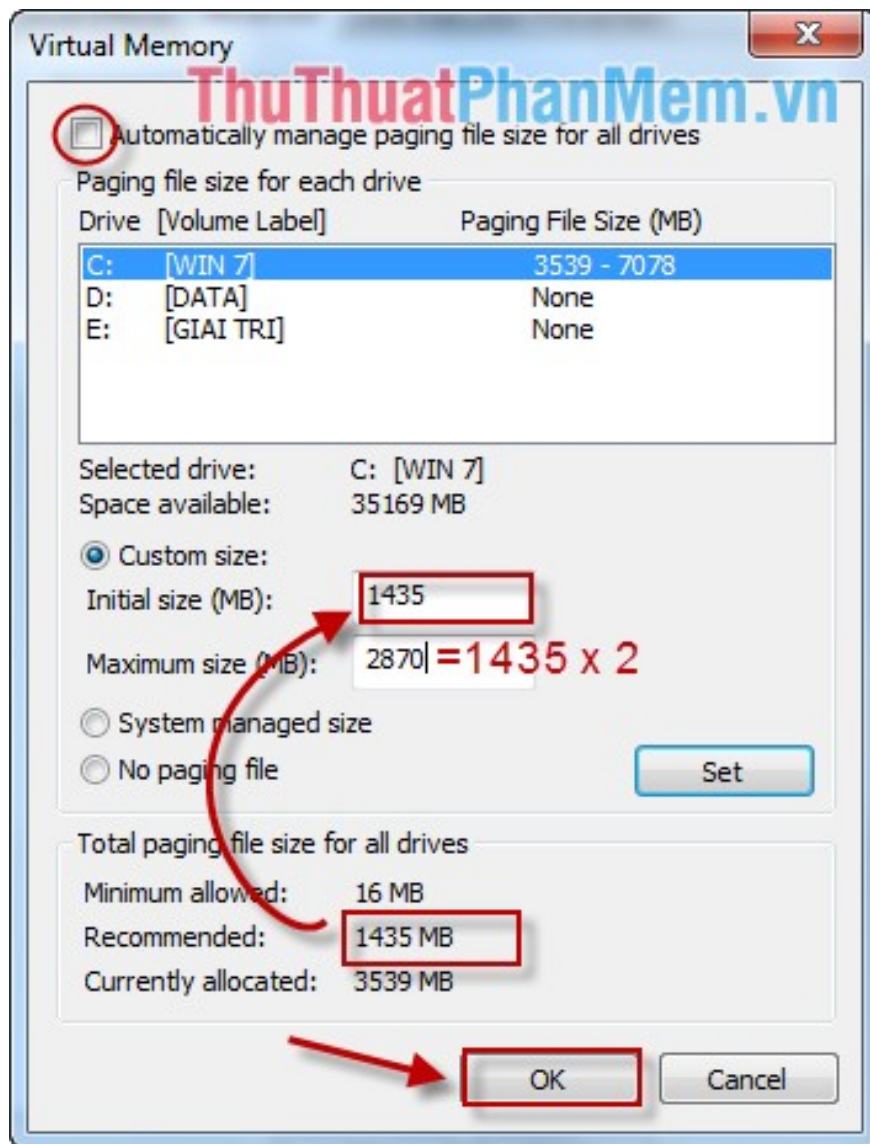
**Step 2:** A dialog box appears, select the **Advanced** tab -> **Settings** .



**Step 3:** Click the **Advanced** tab -> **Change** .



**Step 4:** Uncheck *Automatically manage paging file size for all drives* -> Select the drive containing the operating system (usually drive C) -> tick **Custom size** . The *Initial size section* takes values ??in the **Recommended** section . Section **Maximum size** is 2 times the value of items **Recommended** . Finally, click **OK** .



## 9. Using anti-virus software

An important and indispensable thing for any computer is an antivirus program. Antivirus programs do not speed up your computer but it is an essential condition to help your computer run stable and protect your data.

## 10. Do not overheat

Computer overheating is the cause for battery, hard drive, main shortening life. Therefore, you should not overheat the computer. For laptops should not be under blankets or pillows, this makes the computer does not dissipate heat. For each computer, you should use a cooling fan.

## 11. Clean computers regularly

Regular cleaning of the computer makes the cooling process easy. Otherwise, the busy dust will cause the components to fail and the process of hot air exhaust will be very difficult. Therefore, you should regularly clean

the computer to help the operation process of the computer more stable.

Good luck!

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