

8 simple ways to speed up Windows 7

Windows 7 is an operating system that is highly rated for speed, but there are still many different ways to improve the speed and performance of this operating system, especially on machines with not too strong configurations. The following article will help you do that.

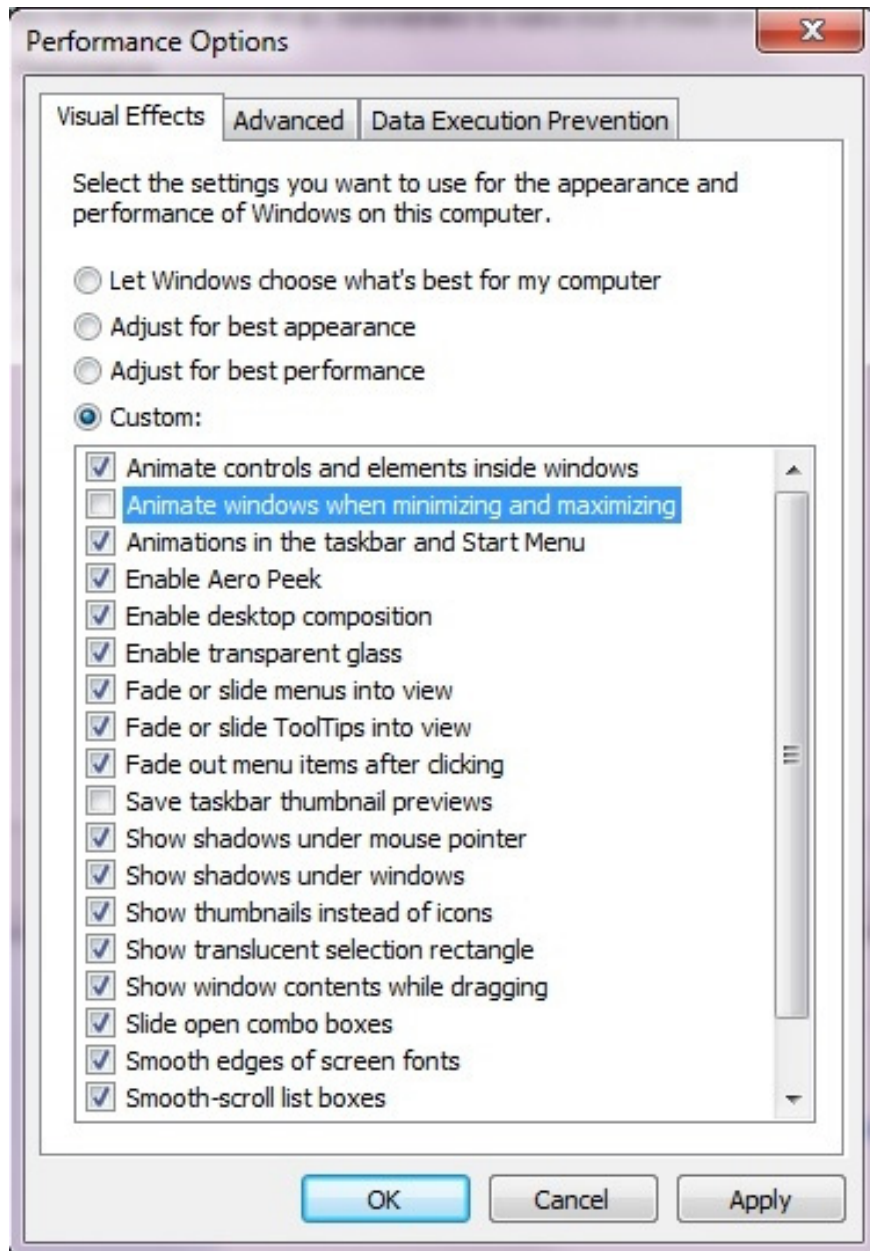


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Fast switching between windows

Remove dynamic effects during the process of switching between open windows (minimizing and enlarging windows) can help speed up Windows 7. Follow these steps:

- Click on the **Start** button, enter **SystemPropertiesPerformance** into the search dialog box and press **Enter** .
- In the window that appears, click on the **Visual Effects** tab.
- **Uncheck the ' Animate windows when minimizing and maximizing '** option and press the **OK** button to finish.



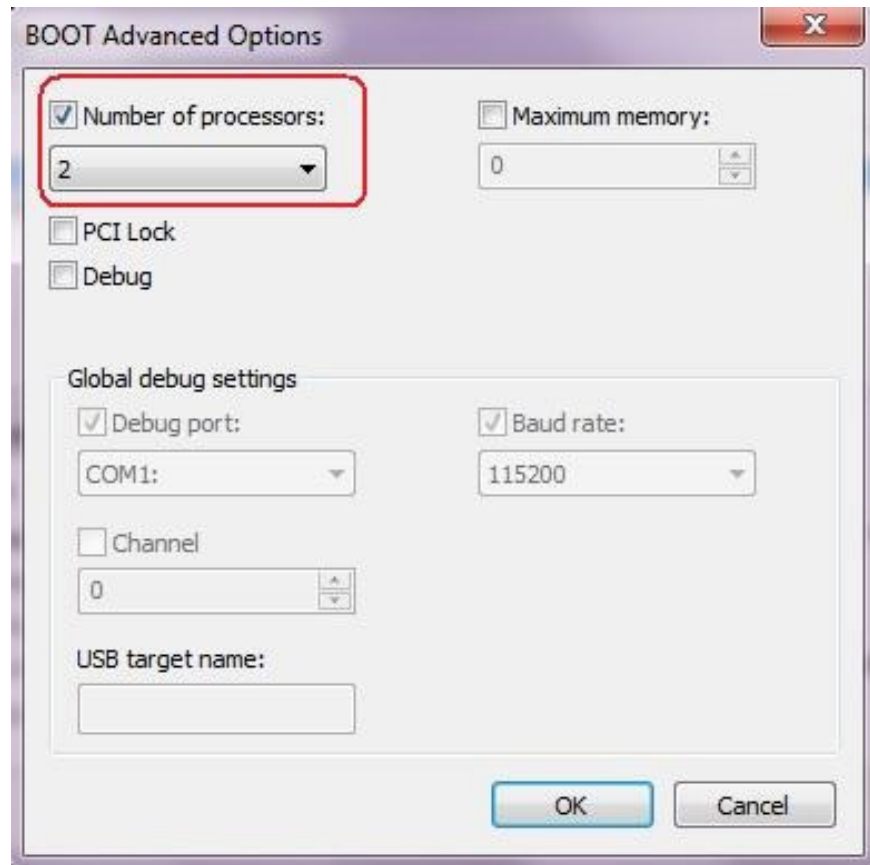
In addition, you can check the ' **Adjust for best performance** ' section so that Windows 7 can remove unnecessary effects, making Windows even softer. However, with this option, Windows 7 will become 'rough' and much worse.

Increase the boot speed of Windows 7

By default, Windows 7 only uses one cpu cores to boot, so increasing the number of cores used will help to reduce the boot time of the system (for multi-core cpu). Follow the steps below:

- Click on the **Start** button, enter **msconfig** in the search box and press **Enter** .
- In the *System Configuration* window that appears, select the **Boot** tab and click the **Advanced Options** button .

- Check the **Number of processors section** and select the multiplier of the CPU that the computer is using (usually 2, 4 or 8 . kernel).
- Click **OK** to confirm.

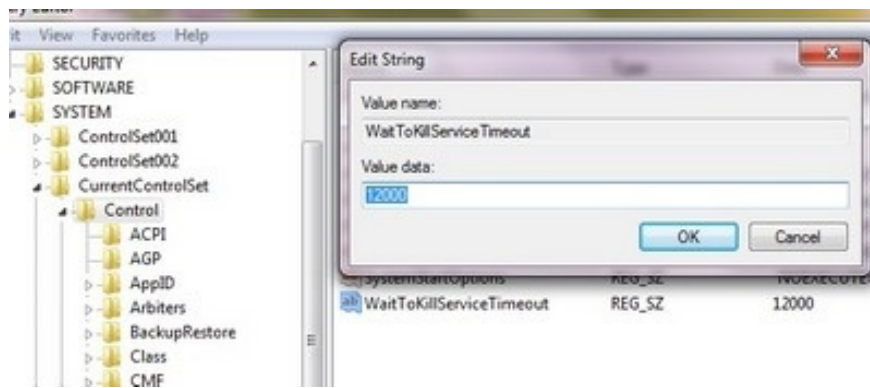


You can also apply this method to improve the boot speed of Windows Vista.

Speed ??up system shutdown

Similar to booting, Windows 7 has a much faster shutdown time than Windows Vista or XP, however, you can further improve your computer shutdown time with the following tip:

- Click **Start** , enter **regedit** in the search dialog and press **Enter** .
- In the *Registry Editor* dialog box, search by the path: **HKEY_LOCAL_MACHINE / SYSTEM / CurrentControlSet / Control**
- In the right pane, double-click the **WaitToKillServiceTimeout** key to change its value. The default value of this key is **12000** (12 seconds, the maximum time to turn off system pre-shutdown services), you can reduce this time to any level (greater than 0). to shorten the system shutdown time.



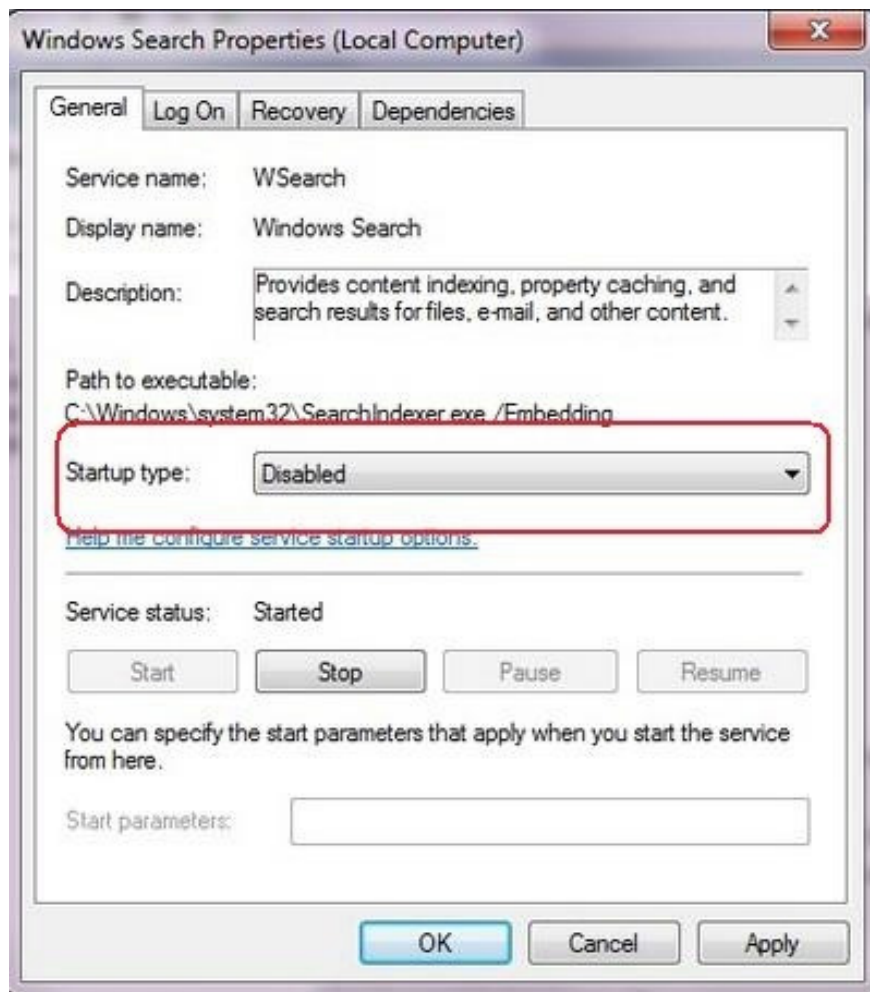
- Click **OK** and restart the computer to set the value.

Remove the Search Indexing feature

If you do not regularly use the search function on Windows, the Search Indexing feature is really a waste. This feature uses a lot of system resources, but is one of those features that is not really necessary.

Follow the steps below to remove:

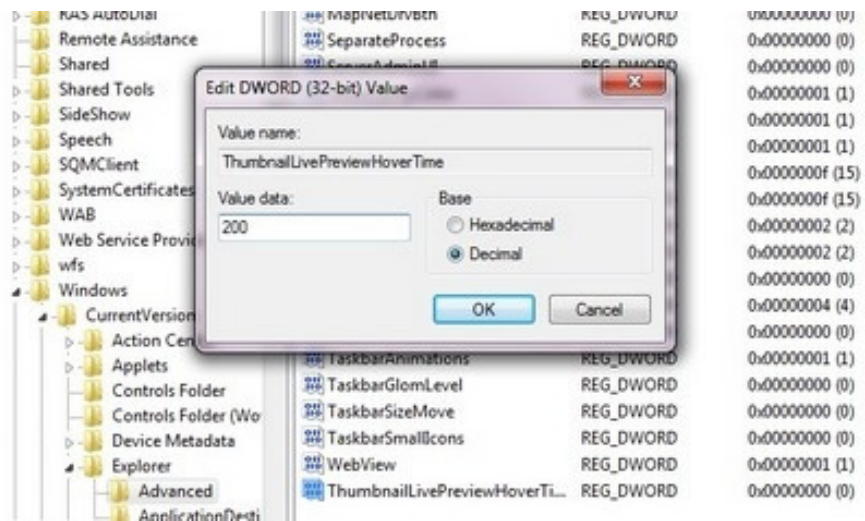
- Click the **Start** button, enter **services.msc** into the search dialog and press **Enter** .
- In the *Services* window that appears, go to **Windows Search** .
- Right-click this item and select **Properties** .
- Finally, select **Disable** in *Startup type* and click **OK** to finish.



Speed up the Toolbar display

The thumbnail display feature of open windows on the taskbar is one of the useful features of Windows 7. The following tips will help you improve the time to display these thumbnail images:

- Click **Start** , enter **regedit** in the Search dialog box and press **Enter** .
- In the *Registry Editor* window, search by link: **HKEY_CURRENT_USER / Software / Microsoft / Windows / CurrentVersion / Explorer / Advanced**
- Right-click an empty area in the right pane, select **New** -> **DWORD Value** . Name this new key **ThumbnailLivePreviewHoverTime** .
- Double click on the newly created key, in the **Base** section select **Decimal** , and set the value in **Value data** . You can fill in any value, but during the test, 200 (0.2 seconds) and the number are considered to be the most efficient and optimal.



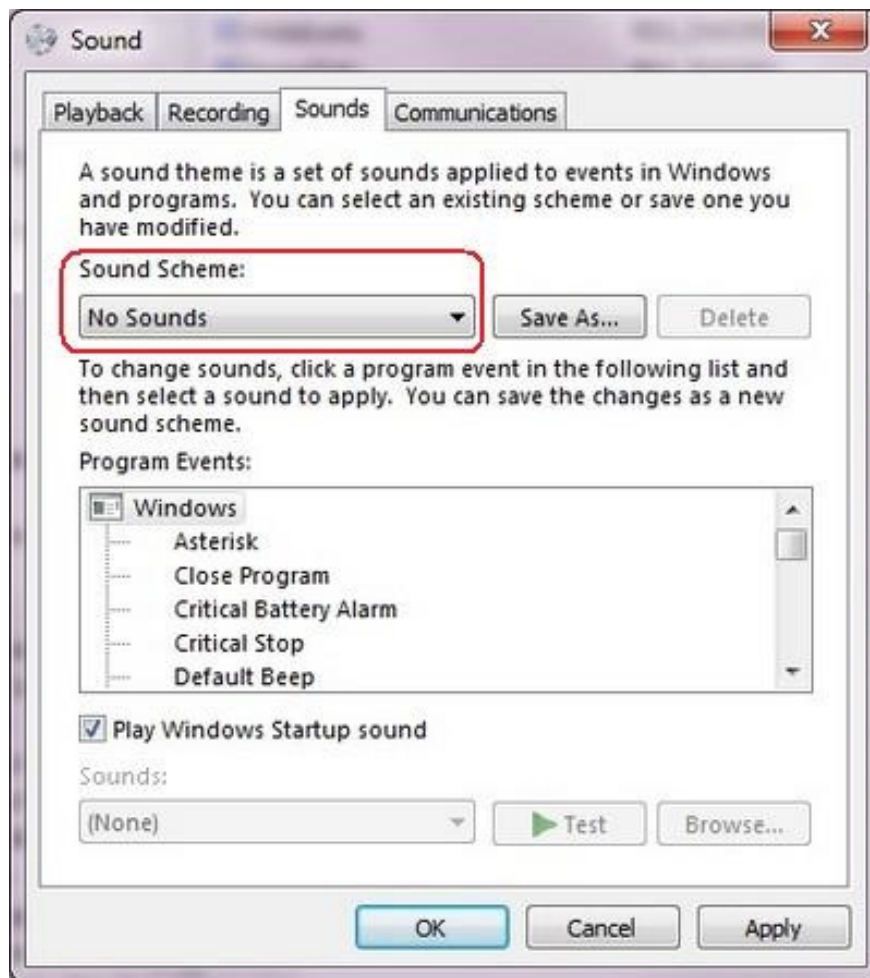
- Click **OK** and restart the computer to set the value.

Turn off system sounds

The system signaling sounds like boot sound, shutdown . are not really necessary. Therefore, shutting down these sounds may result in less recovery of resources.

- Click the **Start** button, enter **mmsys.cpl** into the search box and press **Enter** .

- In **Sound** window appears, select the **Sounds** and **No Sounds** tab in *Sound Scheme* .



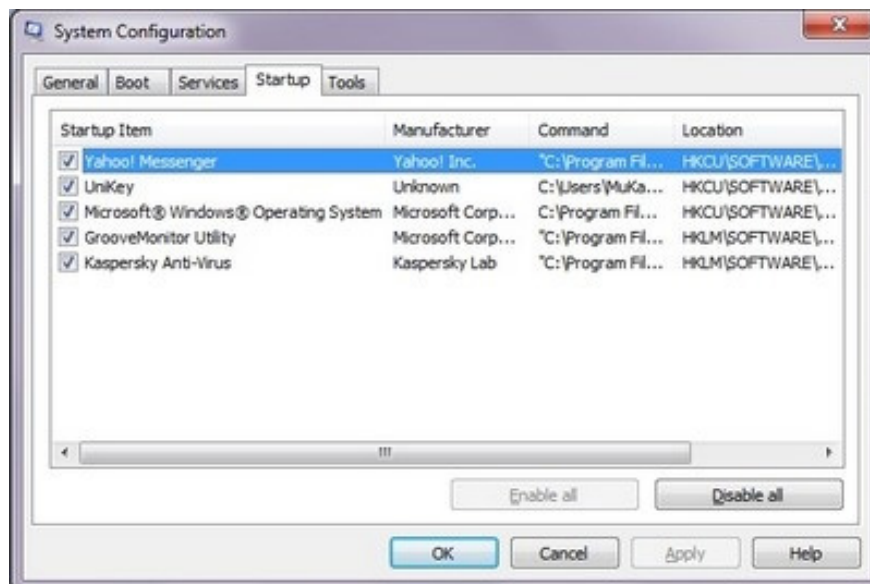
- Click **OK** to complete the setup.

Remove unnecessary startup applications

Some applications automatically start with Windows, making the system boot time longer and resources more wasteful. To remove self-starting applications from the system, you do:

- Click **Start** , enter **msconfig** in the search dialog and press **Enter** .

- In the dialog box that appears, navigate to the **Startup** tab, uncheck the option for unnecessary software. (You should only leave security applications such as virus browsers, firewalls . to start with the system).



- Click **OK** to save the settings.

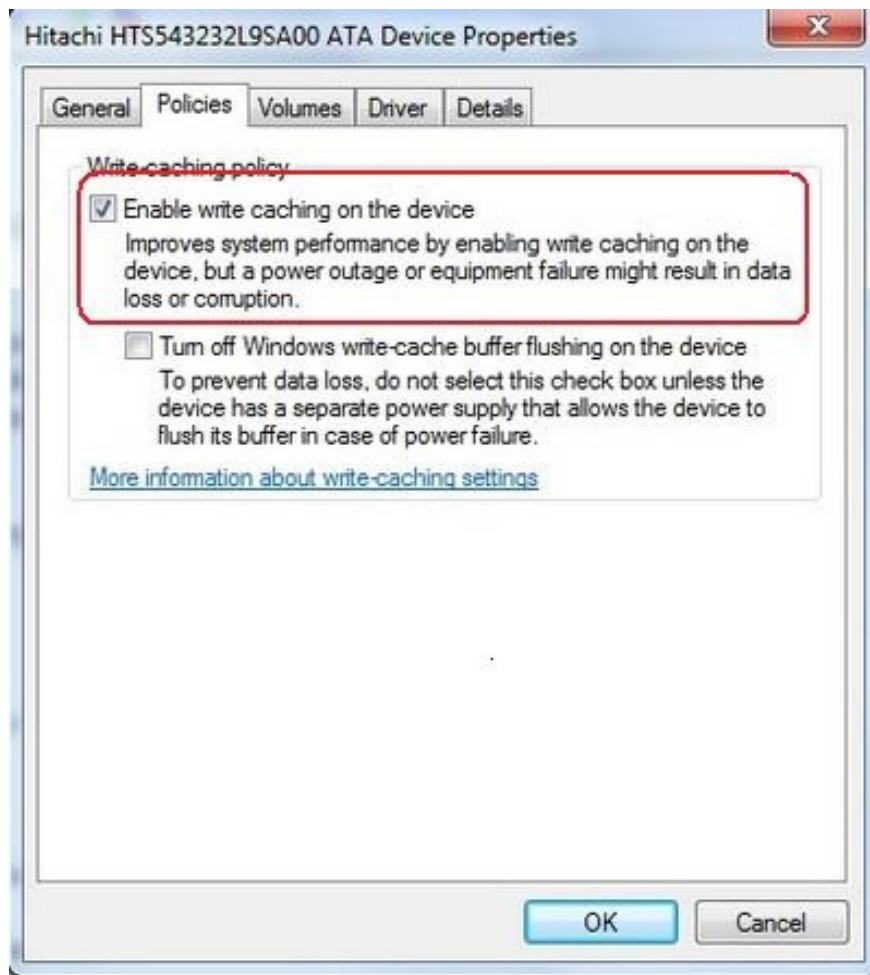
SATA hard drive acceleration

SATA standard hard drives are currently the most popular and popular standard. To increase the speed of access and performance of standard SATA hard drives on Windos 7, follow these steps:

- Click **Start** , enter **Device Manager** in the search dialog box and press **Enter** .

- Select **Disk Drives** , right-click the existing hard drive on the system, select **Properties** .

- In the new window that appears, select the **Policies** tab, check the option to ' **Enable write caching on the device** ' . (if this option has been previously selected, you can skip and do not need to do anything else)



- Click **OK** and restart the system to set the value.

These are a few simple but effective tricks to improve the speed of Windows 7. It is possible that these tricks make Windows 7 display as "silky" as it was, but if performance and speed are First priority, you should try.

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