

Top 10 ways to speed up computer boot

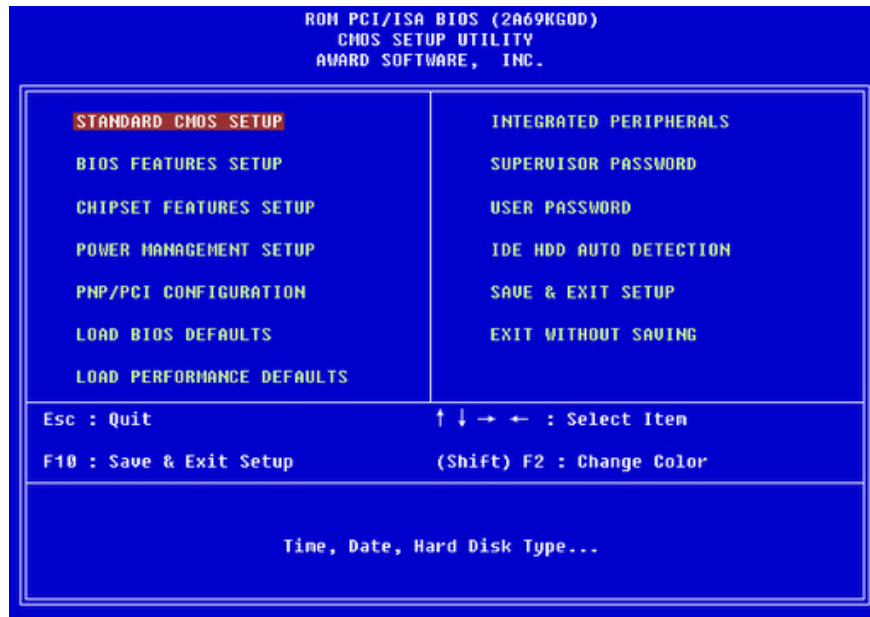
If there is something that makes people uncomfortable when using a computer, it is probably restarting the computer. It may take a period of time from one or two minutes but this period of time is endless. Here are the top 10 tips to help your computer boot faster.

If there is something that makes people uncomfortable when using a computer, it is probably restarting the computer. It may take a period of time from one or two minutes but this period of time is endless. Here are the top 10 tips to help your computer boot faster.

This seems to be a controversial topic because there are many tips for adjusting boot times. So, we did a search on the Internet and tested the easy-to-use tips, which are widely used in the online community. There are still many other tricks, some of which may be controversial, but the following 10 things will ensure that your boot time is accelerated.

10. Adjust BIOS

When installing the computer for the first time, the BIOS is set up to make things more convenient for the user. However, once installation is complete, these will be disabled. If you press and hold the DEL key when starting the computer (or any key that the BIOS requires pressing), you can turn on the " **Quick Boot** " mode and move the hard drive to the top of the boot - boot priority priority list. Installing Quick Boot will turn off the computer's operation checks when it first starts and adjusts the boot priority to tell the computer not to search for CDs, USB drives or other multimedia devices when booting. This will help users access the system faster. If you ever had to boot from the CD, you'll have to go back to the BIOS and change the boot priority list again.

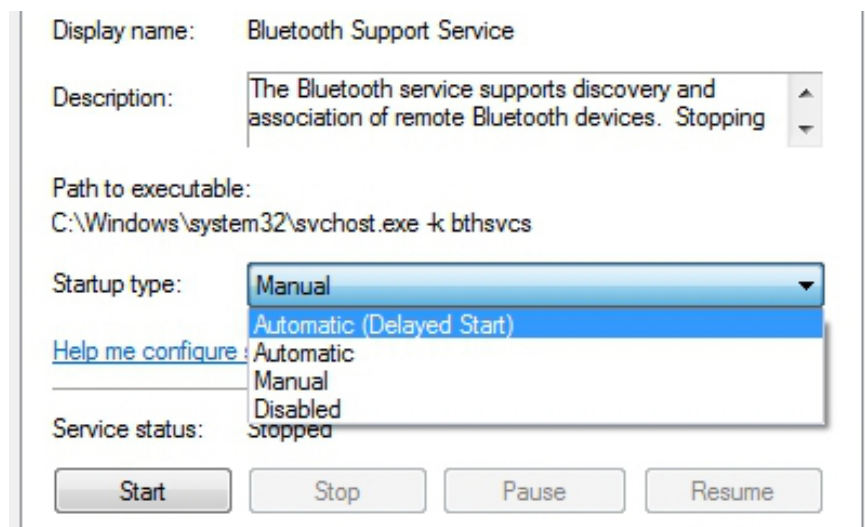


9. Clean up software that runs at startup

One of the most commonly used ways to speed up the boot process is to remove unnecessary software from starting up with your computer. You can do this by running the `msconfig` command from the **Start** menu search **box** . Next, go to the **Startup** card. The application list here tells you what these applications do. From there, users can know which applications they should disable and which applications should keep. Besides, Solutio software is also a great way to clean up unnecessary software. Now, Solutio has many other useful features that make it worth downloading and using.

8. Delay the Windows services that run at startup

Many people argue that disabling Services from `msconfig` will also speed up boot time. However, we find that this way is also very troublesome. However, users can postpone some startup services so that the computer starts up faster and then uses them. After all, you don't necessarily need all these services during the boot time.



7. Change the timeout value of the Boot menu

If you are dual-boot your computer, the boot menu will have a "timeout value" message, which means the amount of time the machine waits for you to make a choice before it boots into the default operating system. In Windows, this timeout value is usually 30 seconds, a long time to wait. To change this time, re-enter **msconfig** and click on the **BOOT.INI** tab and change the value in the timeout dialog to a lower level. If you are dual-boot with the Linux operating system, you can run the **GRUB boot** menu and change this timeout period.

6. Disable unused hardware

Your computer loads a lot of drivers when it boots for the first time, including unused ones. Access **Device Manager** from the **Start** menu search dialog, search for any unused drivers - Bluetooth controllers, modems, and virtual Wi-Fi adapters are common culprits. Right-click the entry you want to disable and click **Disable**. Remember to do this only with things you really don't use anymore - if you use Wireless Hosted Networks, you'll still have to keep virtual Wi-Fi adapters enabled. Another thing to keep in mind is that keeping the updated driver will also help improve boot times. In this case, the Device Doctor application can assist you with this task.

5. Keep antivirus software active and up to date

This need not be said, anyone can understand it, but we still want to talk about it to remind users: install some antivirus software, keep it updated and scan computers periodically. This is a more natural method of protecting your computer than it is to speed up your computer. However, if your computer is infected with malware, it will certainly slow down the boot time of the computer. Using antivirus software like Microsoft Security Essentials, you will be better protected. Do not like MSE? There are still many other great antivirus software on the market and there is no reason for you not to use one of them to protect your computer and speed up boot time in some cases.



4. Remove unnecessary fonts

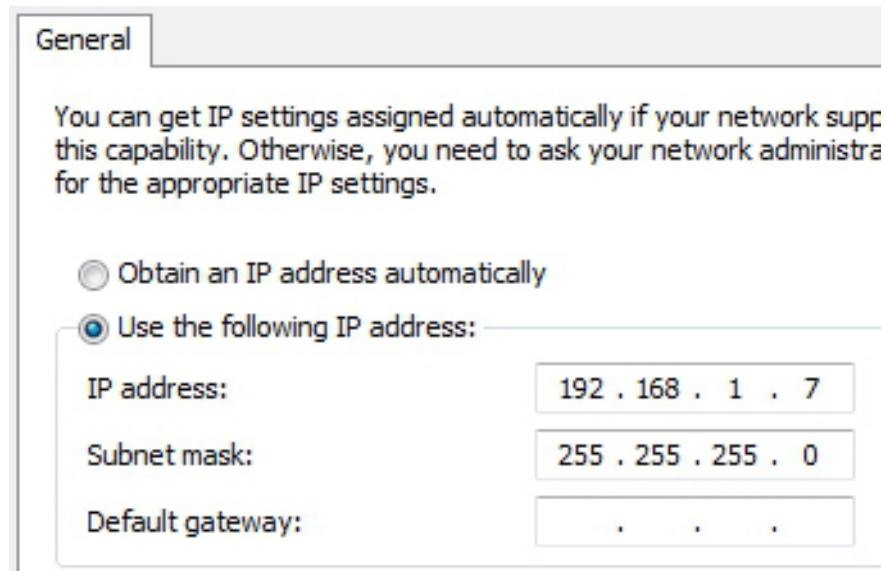
Windows has inherently loaded a lot of fonts at startup and this also slows down the time it takes to boot up the computer. This is not really a problem but it still slows down the boot time. Windows 7 downloads more than 200 fonts at startup and this number is even higher if you install Microsoft Office. However, if you use only a few of them, you can hide them to speed up the boot process. In Windows 7, open the **Fonts** folder from the **Start** menu search dialog and turn off all unnecessary fonts. Then, click the **Hide** button on the toolbar. This way, when these fonts are needed later, you can still bring them back, but Windows does not load them on startup. Note that just removing a few fonts will not create a computer startup effect so quickly that you can pay attention to it. If you want to see the effect right away, the user will probably have to hide several hundred fonts. This is not uncommon because the computer can contain a lot of fonts that you yourself don't recognize.

3. Upgrade RAM

Installing lots of RAM is often an effective way to speed up your computer. Today, the price of RAM is not too expensive, so if you find your computer running slowly, there is no reason to prevent you from plugging in more RAM and making your computer run smoother. We also had an article on how to install more RAM for both desktop and laptop computers. Even for people without experience, this process is very easy to implement.

2. Set a static IP address for the computer

When booting the computer for the first time, it will spend a period of time asking the network for an IP address. Users can remove this process by providing the computer with a static IP address that has not changed. This will make network management easier (since each computer has only one IP address), it also saves a lot of time to boot up the computer.



The image shows a screenshot of the Windows Network Settings dialog box, specifically the 'General' tab. The dialog box contains the following text and controls:

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address: 192 . 168 . 1 . 7

Subnet mask: 255 . 255 . 255 . 0

Default gateway: . . .

1. Install Solid State Drive

Today, hard drives are still the most difficult problem in computer systems. One of the best ways to upgrade the computer you can perform is to install an SSD, have a super fast reading time and greatly improve the boot time. Sure, hard drive upgrades aren't cheap at all and they also require separate maintenance operations. However, if you want to speed up your computer at the same time to boot, installing an SSD is not a bad solution. The difference after fitting will surprise you.

So, we have introduced 10 ways to speed up booting for computers. Again, these methods are not the only way, but they are the most well-known, trusted tricks we have found. If you have a more effective accelerator, share with other readers of QuanTriMang.

You finished reading the article "**Top 10 ways to speed up computer boot**" 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.