

How to increase FPS for smoother gaming on PC

FPS affects the smoothness of gameplay. High FPS makes images sharper, operations faster, and reduces lag. If you are experiencing low FPS, try the following methods to optimize your gaming performance.

Increasing FPS helps reduce lag, improving a smoother gaming experience. You can upgrade drivers, optimize graphics settings, turn off background applications or use support software to achieve the highest FPS.

I. Definition of FPS

FPS (Frames Per Second) is the number of frames displayed on the screen in one second. The higher the FPS, the smoother the image, helping to make operations faster when playing games.

What is the ideal FPS?

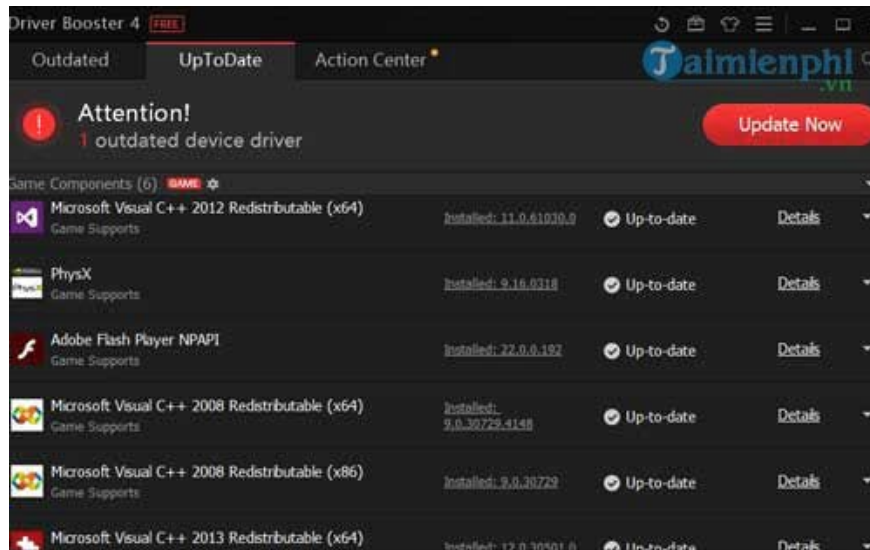
- 30: Minimum, enough to play light games.
- 60: Common standard, providing a smooth experience.
- 120 and above: Ideal for professional gamers, helps with faster reflexes.

II. How to increase maximum FPS when playing games

1. Proceed to upgrade Driver

Old graphics drivers can cause FPS drops due to hardware mis-optimization. Updating drivers helps your graphics card perform more efficiently.

- Nvidia: Download the latest driver from **Nvidia** .
- AMD: Update driver at **ATI** .
- Intel: Download driver at **Intel** .



2. Use game acceleration software

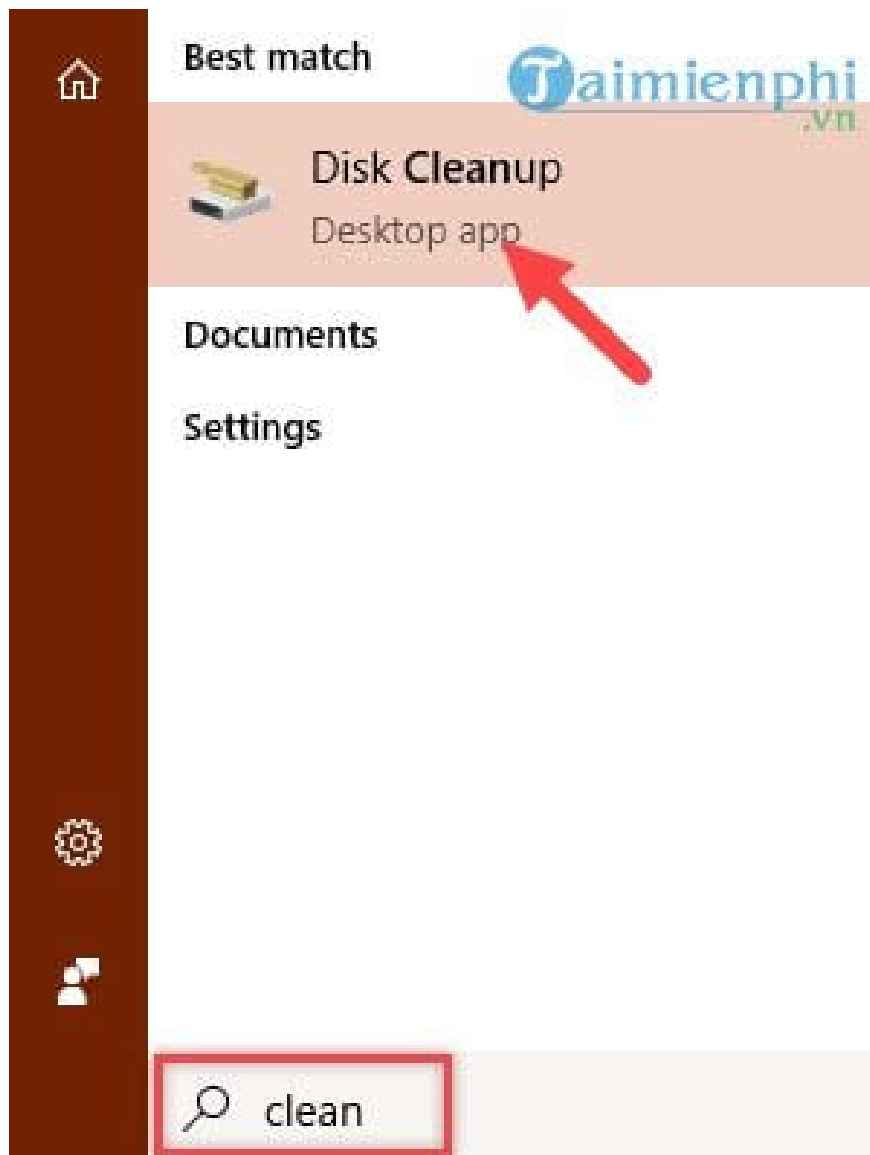
On the market today, there are many software that help you increase FPS games, of which Game Booster is famous among them. With the ability to optimize the computer when in use, remove background software and optimize RAM to help increase FPS games when playing. Downloading Game Booster to your computer and using it is also a choice worth trying.



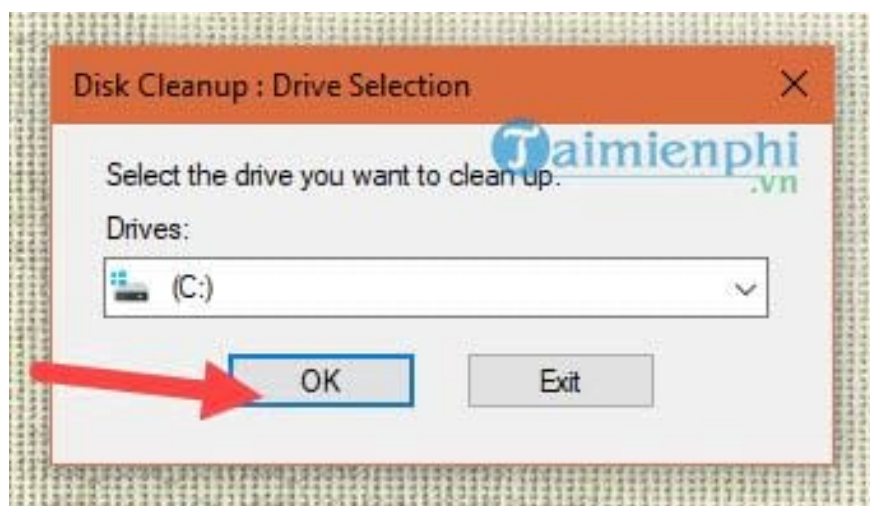
3. Clean up your computer hard drive

A cramped hard drive with lots of software and temporary files installed during use. The cache memory is empty and has not been freed up, which is also a reason why your computer's FPS drops. When **a component in Windows slows down, all tasks are also affected, including games**. Sometimes you encounter a situation where the game takes a long time to load, the game often says Not Responding, then you have to think about cleaning up your computer's junk.

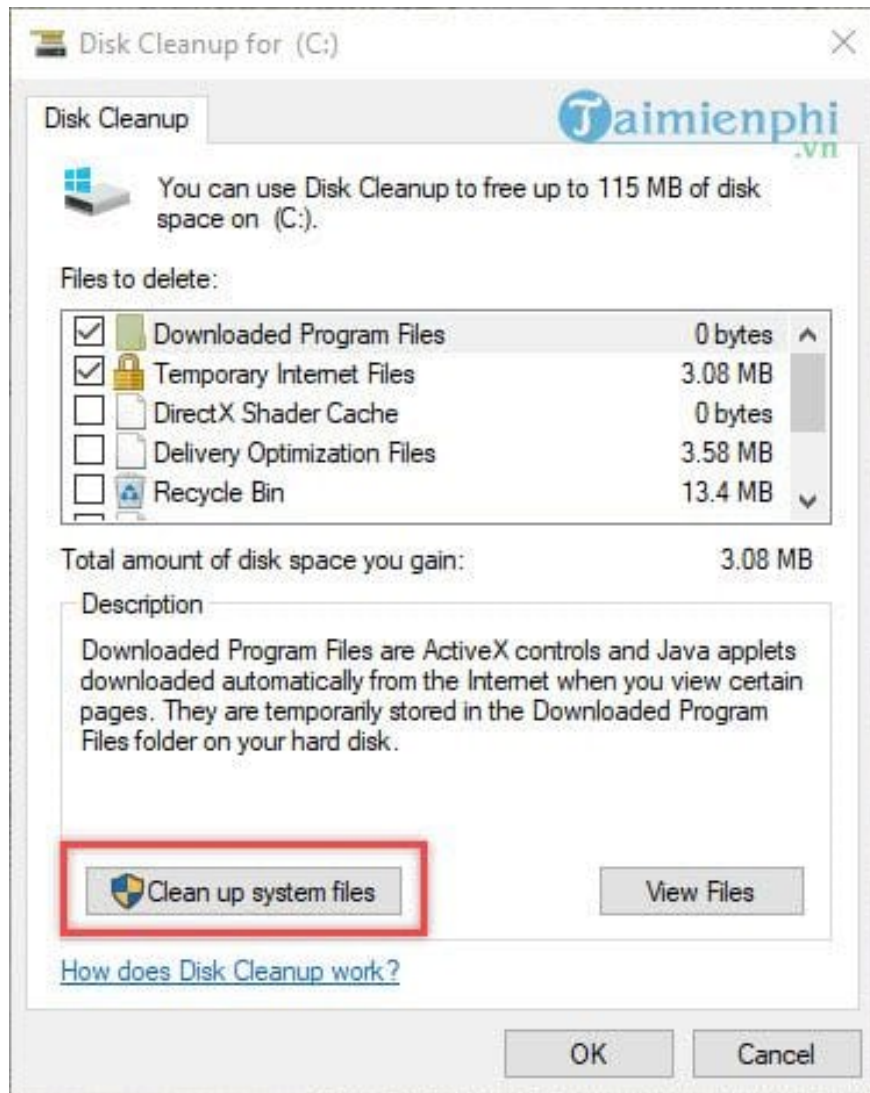
Step 1: In your computer there is a tool that helps you remove computer "garbage" which is **Disk Cleanup**. You can open this tool by opening **the Start Menu**, typing "**clean**" and clicking on the search result.



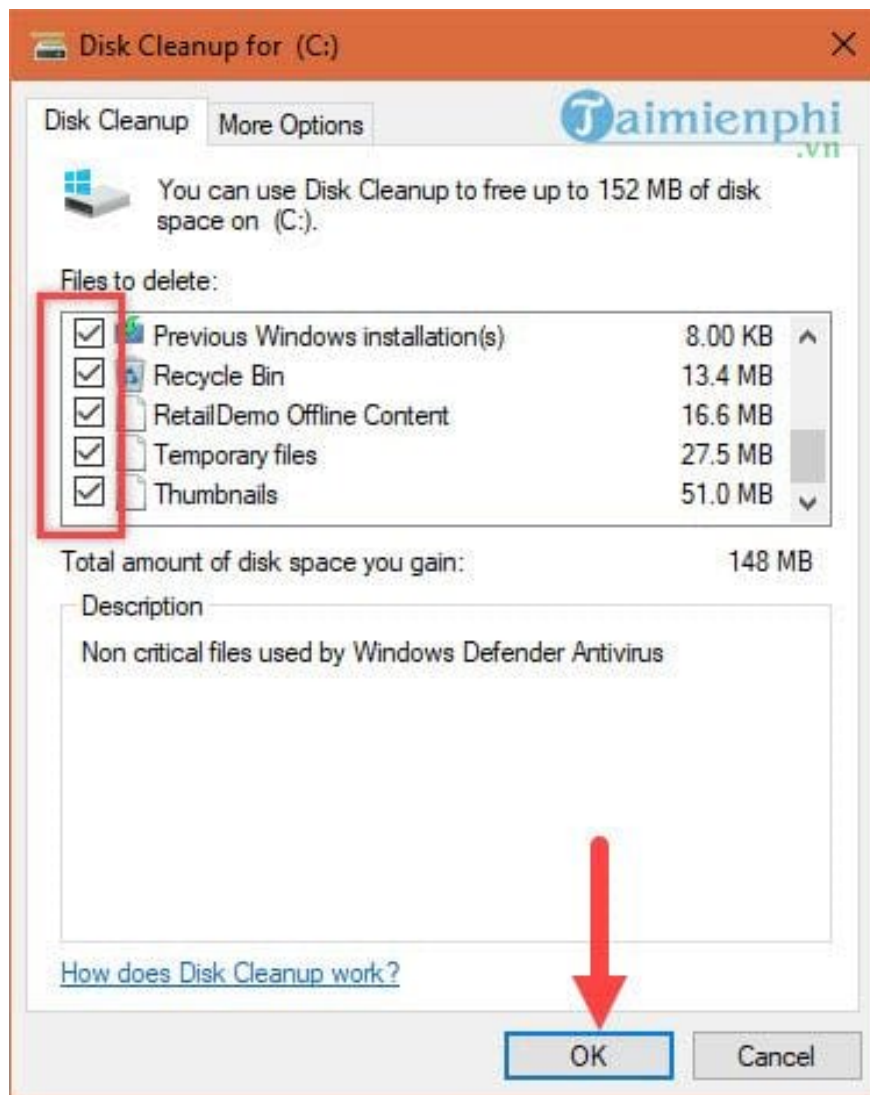
Step 2: Immediately after that, select the drive to clean up, you can select each drive in turn.



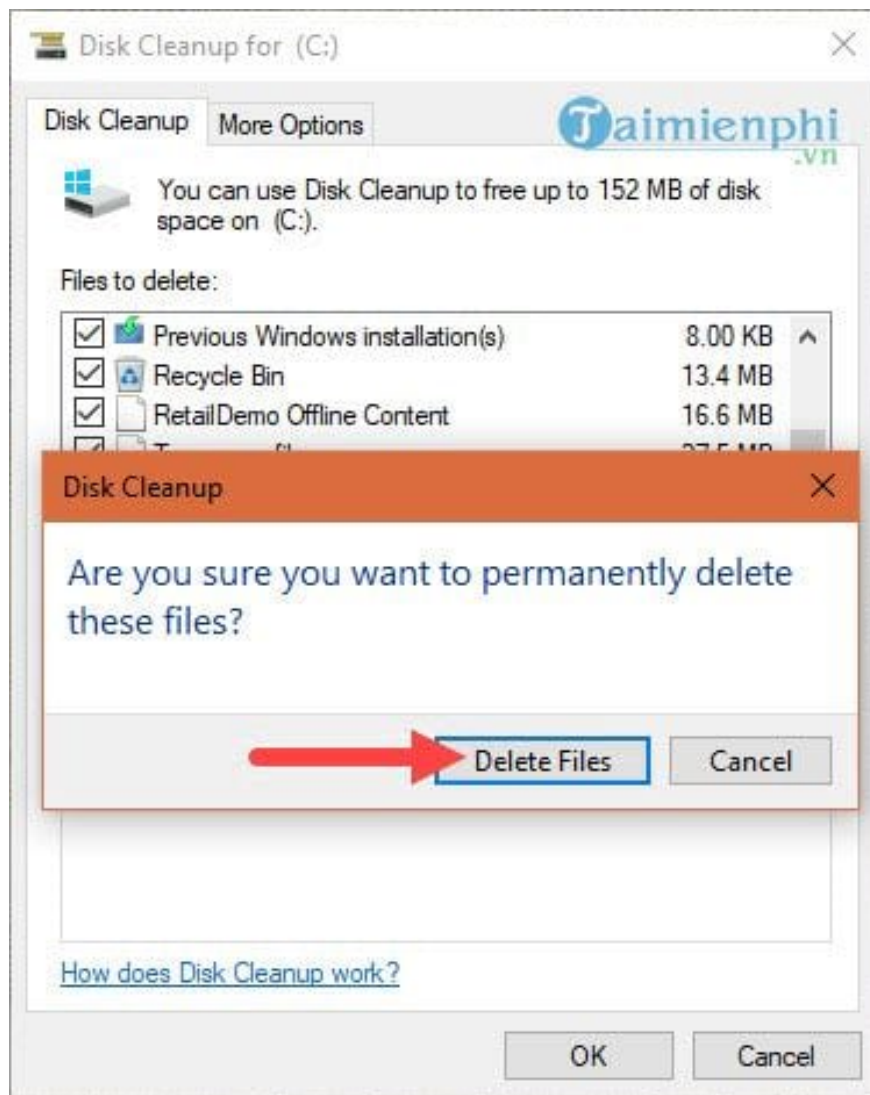
Step 3: Click **Clean up system files** to find and remove files deeper in the system.



Step 4: Wait a moment for Disk Cleanup to restart, now you can more fully remove the "junk" components in your computer.

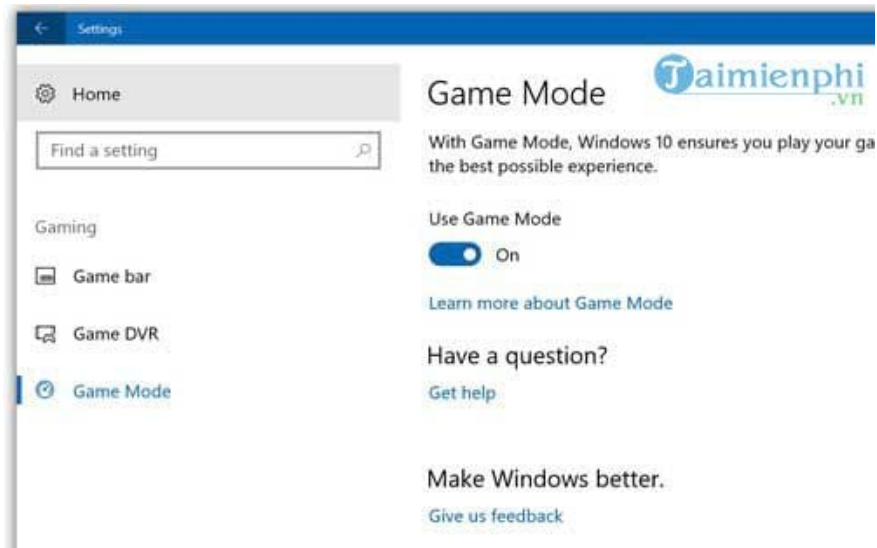


Immediately after the OK action, the system will ask you to confirm the deletion of these files. Click Delete Files to confirm the deletion of the files.



In addition to the above method, TipsMake also recommends that you use additional third-party software in case the available tools are not convincing enough for you. Readers can download CCleaner right here, **CCleaner** software is famous in the field of computer optimization, removing waste generated during computer use.

4. Turn on Game Mode



Windows 10 has a special built-in mode that helps you increase FPS games, which is Game Mode. This mode helps your computer prioritize most of the resources when you play any game. However, turning on Game Mode on Windows 10 is still in the development and completion stage, so sometimes when you turn on **Game Mode on Windows 10**, it will not be very effective.

Anyway this is a way worth trying to increase FPS games while playing

5. Turn off anti-virus software.

Antivirus software is very effective when it helps you protect your computer, remove viruses that damage and slow down your system, but it also consumes a lot of resources. That's why you need to turn off **antivirus software** right after it scans or during the game, this will more or less help you increase FPS games when playing.



But depending on the antivirus software you are using, there are different ways to turn it off and it is not necessary to turn it all off. Sometimes, just turning off the **Realtime protection feature** is enough to reduce the amount of computer resources consumed by this software.

Increasing FPS when playing games helps the experience smoother, reduces lag, especially with games that require high graphics. To achieve optimal performance, players need to combine driver upgrades, fine-tuning system settings and using optimization software. In addition, freeing up memory and turning off background applications also contribute to improving computer performance when playing games. If your computer has a low configuration, you should prioritize appropriate graphics settings to maintain a stable frame rate.

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