

# How to enable Hardware Accelerated GPU Scheduling in Windows 11

Windows 11 comes with an advanced setting, called Hardware Accelerated GPU Scheduling, which can boost gaming and video performance by optimizing GPU power. on PC.

Let's dig deeper into Hardware Accelerated GPU Scheduling in Windows 11 right here.

## What is Hardware Accelerated GPU Scheduling?

Normally, a computer's processor (CPU) will be responsible for loading some graphic and image-intensive data into the GPU for processing, so that games, multimedia, and applications speak for themselves. can run smoothly as well as display more beautifully. The CPU collects frame data, assigns commands, and prioritizes each specific process so that the GPU can process and display them efficiently.

With Hardware Accelerated GPU Scheduling, the GPU's processor and scheduling memory (VRAM) do the same job to render high-quality frames. In this way, the GPU can share less work with the CPU, or in other words 'offload' the CPU, thereby helping to reduce latency and improve the overall performance of the PC.

## Requirements to use Hardware Accelerated GPU Scheduling

Hardware Accelerated GPU Scheduling was first released with the Windows 10 May 2020 Update, but is not enabled by default on Windows 11, but requires users to enable it manually. In addition, to take advantage of this feature, your computer needs an NVIDIA (GTX 1000 or later) or AMD (5600 series or higher) graphics card, with the latest graphics drivers.

In addition, there is still no 'general formula' on how to combine specific hardware (CPU and GPU) to create the best performance when used with Hardware Accelerated GPU Scheduling. So things may change depending on your PC's CPU, GPU and graphics drivers.

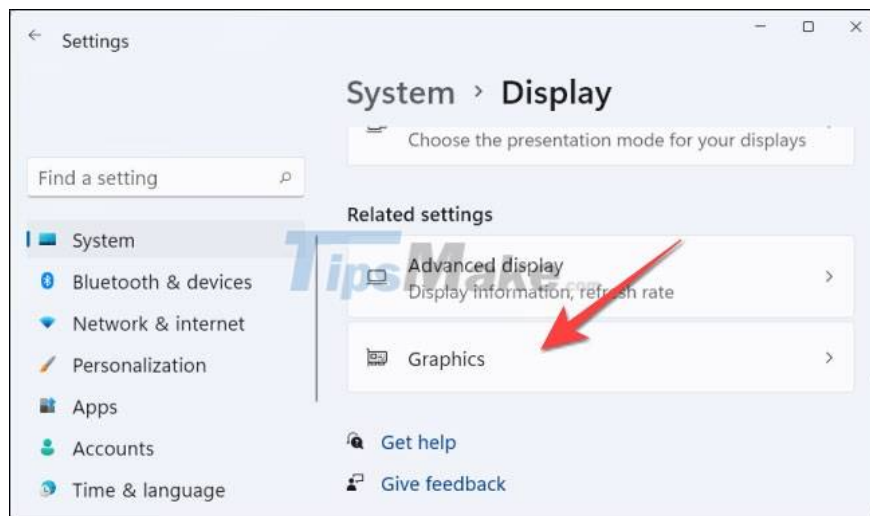
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Before you start, you should update the graphics driver on your PC.

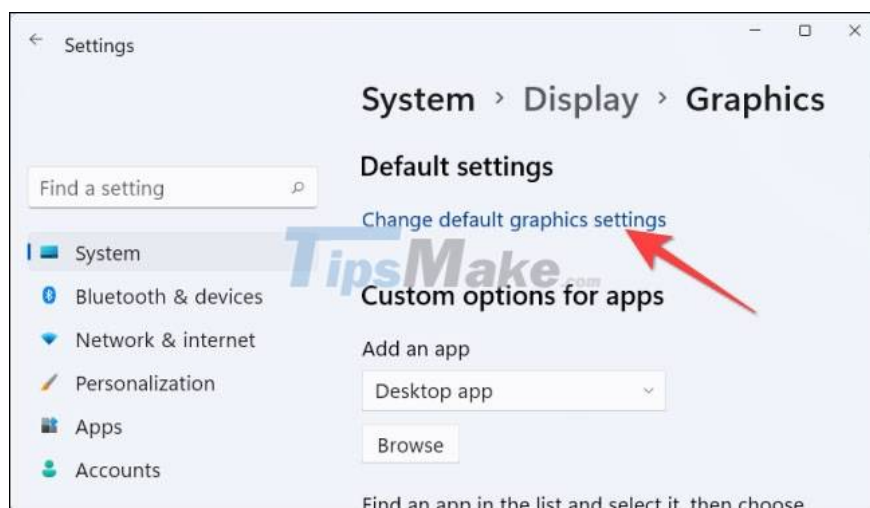
Start by pressing Windows + i to open the 'Settings' app. From the "System" section, select the "Display" option on the right screen.



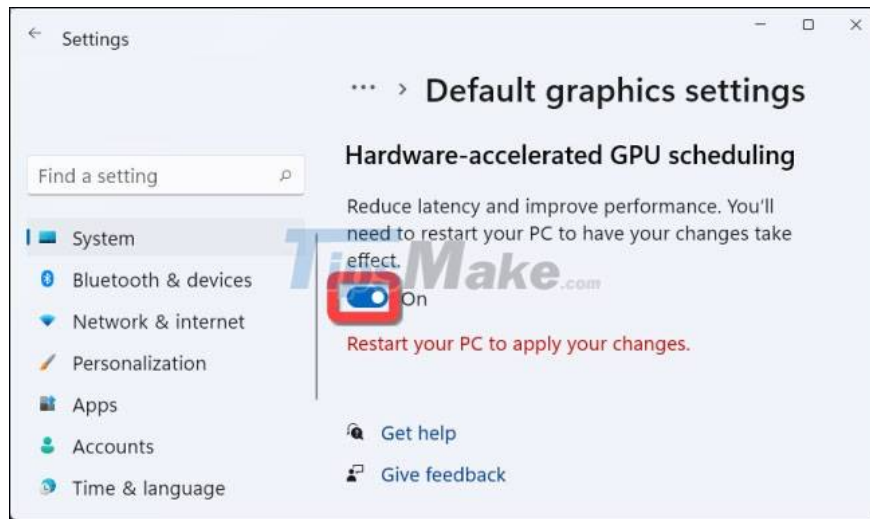
In the 'Related Settings' section, select 'Graphics'.



Next, click on 'Change Default Graphics Settings'.



Then, click the toggle switch in the 'Hardware-Accelerated GPU Scheduling' section, and select 'Yes' from the User Access Control prompt that appears.



You can now close the 'Settings' app and restart your PC for the changes to apply.

Microsoft says you may not see any major changes right away, but overall performance should improve during real-world use.

However, if this feature is hindering your PC's performance instead of improving it, you can turn it off.

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