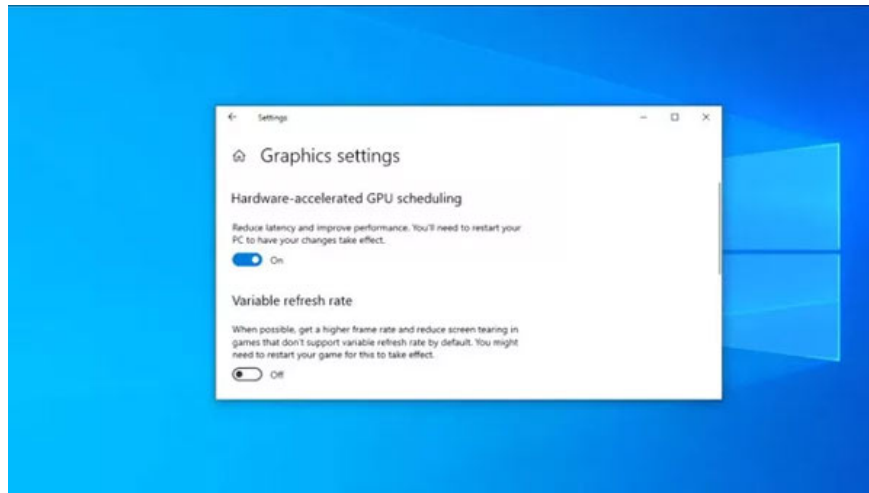


# Windows 10 2004 has a new feature that makes gaming smoother

Recently, both AMD and NVIDIA have released drivers that support a new feature that appeared in Windows 10 version 2004 (May 2020 Update) called Hardware-accelerated GPU scheduling (HAGS).

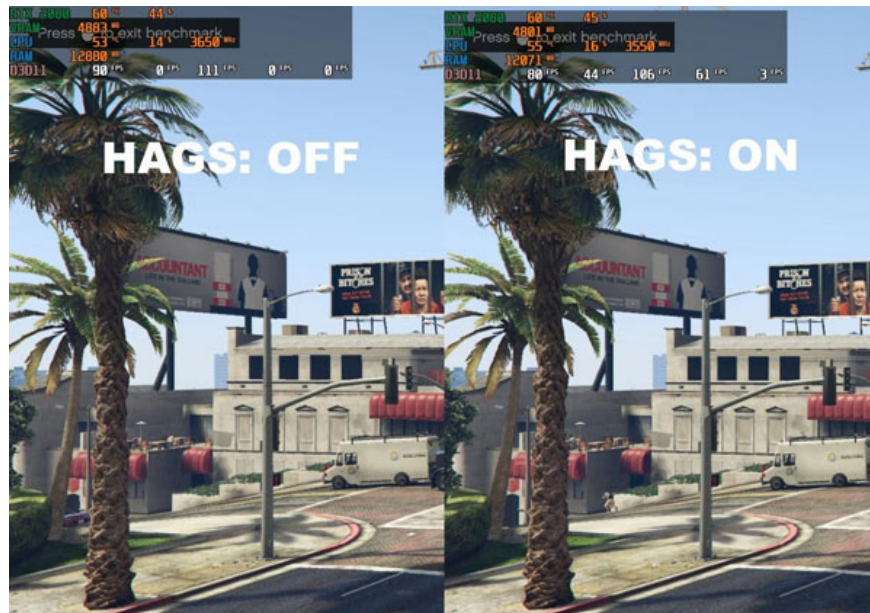
Recently, both AMD and NVIDIA have released drivers that support a new feature that appeared in Windows 10 version 2004 (May 2020 Update) called Hardware-accelerated GPU scheduling (HAGS). Specifically, this new feature will delegate management and memory control directly to the GPU instead of the CPU. In theory, this will help the CPU no longer manage the memory of the GPU, thereby increasing performance.



Initial tests show that the HAGS feature helps PCs and laptops use Windows 10 May 2020 reduce the percentage of CPU usage rather than increase productivity, play games.

The biggest beneficiaries of this new feature will be those who use a gaming laptop, as often the memory in the device will be quite limited. When the HAGS feature is turned on, the CPU will be less used to keep the laptop cooler and will have a smoother fps.

The HAGS feature is supported by Nvidia in the GeForce Game Ready driver update, version 451.48, while AMD supports in Adrenalin 2020 Edition 20.5.1 Beta driver on Radeon RX 5600 and 5700 graphics cards.



PC Gamer has tested the new HAGS feature with GTA V game on AMD Ryzen Threadripper 2970WX CPU configuration, NVIDIA GeForce RTX 2080 Super GPU, 32GB RAM, to see if it improves gaming performance. The result is yes but not significant, the level of FPS only increases by 2 FPS, sometimes HAGS: OFF also has a higher number of FPS.

Perhaps due to the high testing configuration of PC Gamer site, or for some reason, the feature of HAGS has not been effective.

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