



Call of Duty World at War Stutter Fix

By John Macintosh, January 27, 2023 2:35PM

As the days passed with continued stuttering, now I found myself testing Windows 7 using an NVIDIA GeForce RTX 30 Series GPU. For this I had to use the GIGABYTE "Add USB 3.0 Drivers to Windows 7 Image Tool". There were no iGPU drivers for Windows 7. Thankfully, the NVIDIA GeForce RTX 30 Series still offers Windows 7 drivers i.e. NVIDIA 474.11.

Windows 10 22H2 & Windows 11 21H2 22H2

breaks old games

Unresolved problems and troubleshooting

(1A) Windows 10 22H2 Windows 11 21H2 22H2 all produce faulty frame times in Call of Duty World at War. There is no heavy input lag associated with this frame time issue, but it does cause the effect of stutter (jitter) and rubberbanding stutter which looks jarring to the eye. Panning 360 degrees (looking at certain areas in game) while monitoring frame times produces a constant increase or decrease in frame time variance.

(1B) Earlier releases of Windows 10 have not been tested.

(2) Windows 8.1 has not been tested.

(3A) Windows 7 produces no hint of this frame time bug using NVIDIA GeForce RTX 30 Series graphics.

(3B) NVIDIA GeForce RTX 40 Series offers no Windows 7 drivers.

Google

"Windows 11 breaks old games"

"Does Windows 11 break old games? Some games and apps might experience lower than expected performance or stuttering on Windows 11, version 22H2," said Microsoft at the time. "Affected games and apps are inadvertently enabling GPU performance debugging features not meant to be used by consumers." Nov 30, 2022"

"The software maker originally warned of issues with lower than expected performance in some games earlier this month, after some Windows 11 users that had upgraded to the latest 2022 Update (22H2) noticed problems."

"Microsoft didn't list the exact apps and games experiencing problems"

"If you're running the Windows 11 2022 Update, you can check Windows Update and find a KB5020044 update preview that you can install."

"Separately, Nvidia also had some initial driver issues with the latest Windows 11 2022 Update, which also caused stuttering and frame rate drops. Nvidia addressed problems in September."

"Microsoft also revealed last month that some Windows 11 virtualization features can impact gaming performance. Microsoft provided instructions for gamers to disable them, but it's important to turn the features back on if you disable them temporarily to prioritize performance."

"Windows 11 22H2 (2022 Update) has been available since September 20, 2022. It represents the first major update of the new generation of Windows, introducing a new set of features and enhancements to improve security, productivity, and the overall user experience."

<https://www.theverge.com/2022/11/30/23485717/microsoft-windows-11-gaming-performance-issues-fix>

<https://www.theverge.com/2022/10/6/23390623/microsoft-windows-11-disable-security-features-improve-gaming-performance>

<https://pureinfotech.com/windows-11-22h2-new-features>