



WINDOWS OPTIMISATION GUIDE - BY LUDW1G

By Ludw1g – v2.8 29/04/26



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Disclaimer

The following guide will increase FPS and decrease latency as much possible, inside and outside games.

It will make your system as a whole feel smooth and responsive as much as your hardware can make possible.

Please read first in order to understand what you are changing rather than blindly copying the images, as some of them may just be mere examples.

Reboot your PC after you finish making changes

My specifications:

AM4 Motherboard

5800X3D CPU

RTX 2070 Super GPU

32GB, 3600MHZ RAM, dual channel RAM

Windows 11 OS

MAIN Tweaks

BIOS

XMP

ENABLE XMP

so that your PC uses ALL speed your RAM is capable of (ie advertised speed of the mode)

Every motherboard is different, please do a simple Google Search to find out how to enable XMP for your RAM in your BIOS for your motherboard specifically.

BIOS Update

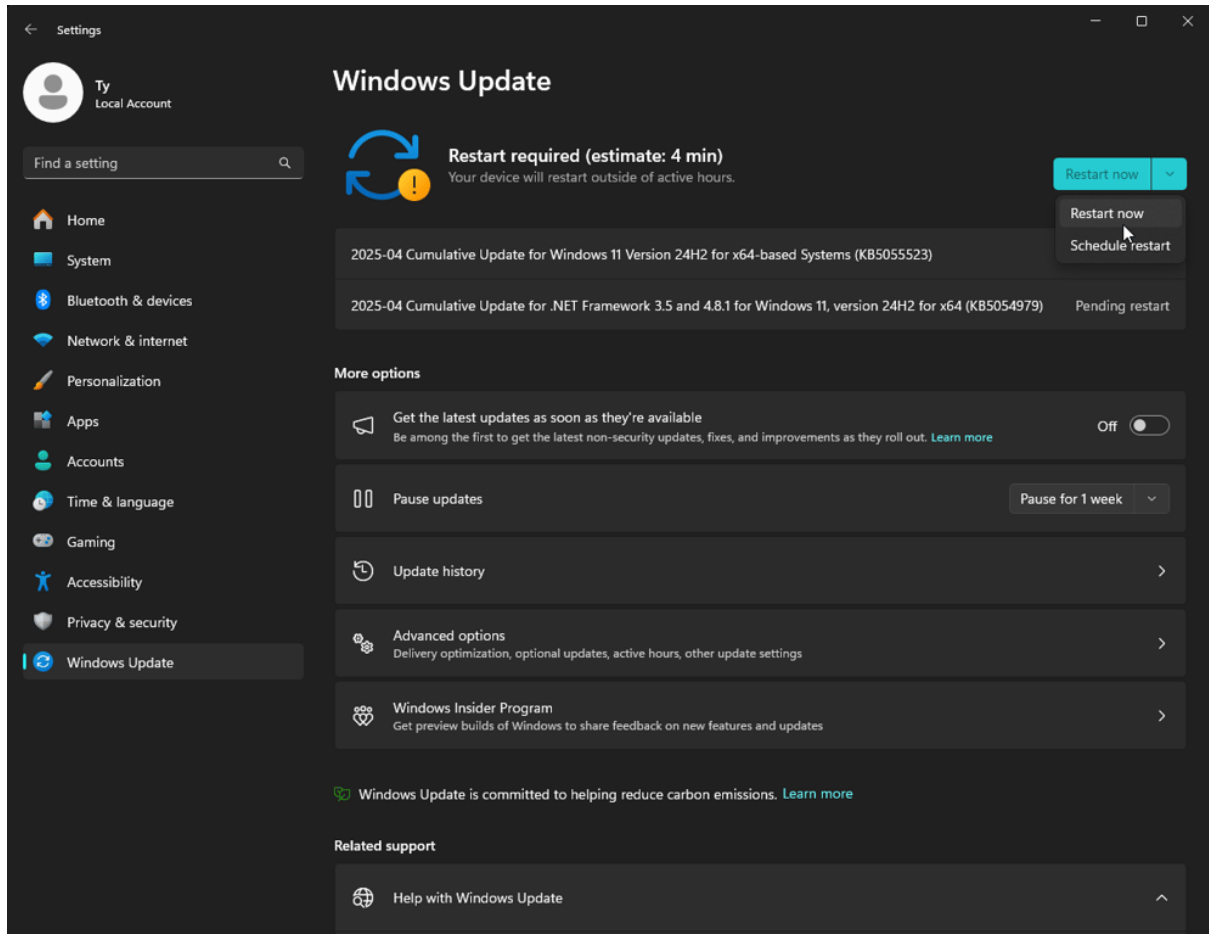
System & Chipset update

LAN Driver update

Please go to the official product page of your specific motherboard to find and download these update files.

Windows Updates

1. Search for "Check for Updates" in Windows Search.
2. Updates may take a few minutes, so please be patient while the installation processes.
3. Once the updates are downloaded and installed, restart your PC.



NVCP – NVIDIA Control Panel

Use the following settings

NVIDIA Control Panel
File Edit Desktop 3D Settings Help


Back


Select a Task...

- 3D Settings
 - Adjust image settings with preview
 - Manage 3D settings
 - Configure Surround, PhysX
- Display
 - Change resolution
 - Adjust desktop colour settings
 - Rotate display
 - View HDCP status
 - Set Up Digital Audio
 - Adjust desktop size and position
 - Set up G-SYNC
 - Set up multiple displays
- Video
 - Adjust video colour settings
 - Adjust video image settings

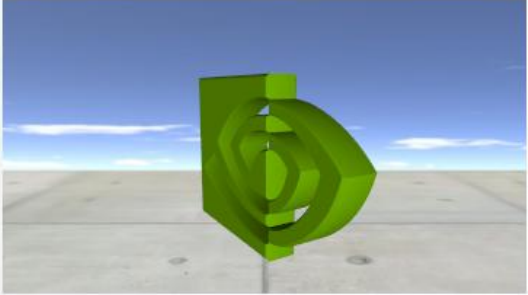
Adjust Image Settings with Preview

This page allows you to preview changes you make to the image and rendering settings. These will be your default settings.

Performance: 

Quality: 

What do I look for?
Moving towards the Performance side will increase frame rate, but curved lines will appear [jagged](#).
Moving towards the Quality side will improve the [smoothness](#) you can see on curved lines.

Preview: 

Pause

Let the 3D application decide
 Use the advanced 3D image settings [Take me there](#)
 Use my preference emphasising: **Quality**

Performance: Quality

Description:


Typical usage scenarios:

I would like to use the following 3D settings:

Global Settings Program Settings

Settings:

Feature	Setting
Image Scaling	Off
Ambient Occlusion	Off
Anisotropic filtering	Application-controlled
Antialiasing - FXAA	Off
Antialiasing - Gamma correction	Off
Antialiasing - Mode	Application-controlled
Antialiasing - Setting	Application-controlled
Antialiasing - Transparency	Off
Background Application Max Frame Rate	Off
CUDA - GPUs	All
CUDA - System Fallback Policy	Driver Default
DSR - Factors	Off
DSR - Smoothness	Off


 Restore

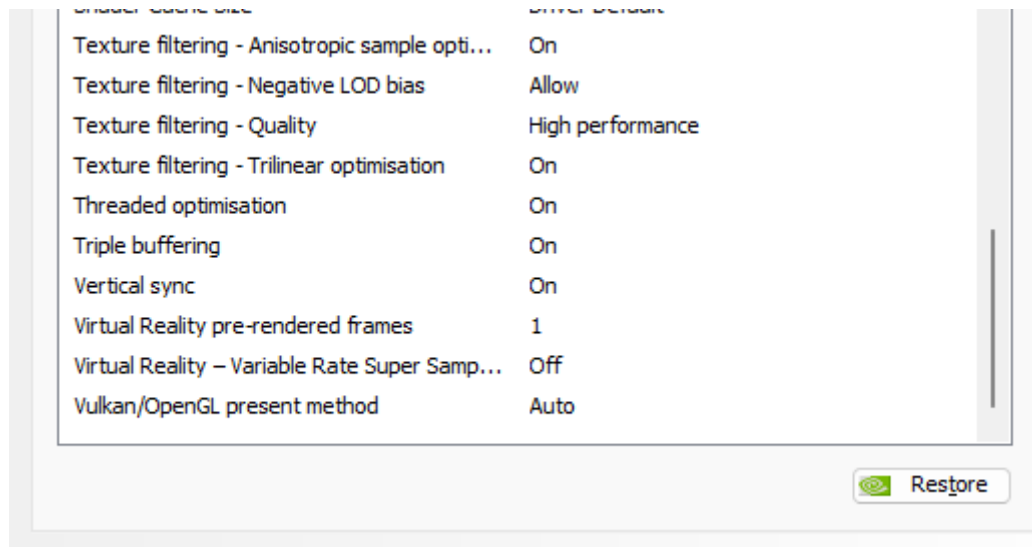
I would like to use the following 3D settings:

Global Settings Program Settings

Settings:

Feature	Setting
DSR - Factors	Off
DSR - Smoothness	Off
Low Latency Mode	Off
Max Frame Rate	237 FPS
Monitor Technology	G-SYNC Compatible
Multi-Frame Sampled AA (MFAA)	Off
OpenGL GDI compatibility	Auto
OpenGL rendering GPU	NVIDIA GeForce RTX 2070 SUPER
Power management mode	Prefer maximum performance
Preferred refresh rate (Dell AW2521HFLA)	Highest available
Shader Cache Size	Driver Default
Texture filtering - Anisotropic sample opti...	On
Texture Streaming Migration (TSR)	All

 Restore



IF you do not have a monitor that has GSYNC or FREESYNC then use:

Monitor Technology – Fixed

Vertical Sync – OFF

Max Frame Rate – Disabled

NOTE:

I have set Max Frame Rate to 237 because my max framerate is 240, if yours is 144 then set it to 141.

Select your GPU

NVIDIA Control Panel

File Edit Desktop 3D Settings Help

Back

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 - Adjust video image settings

Configure Surround, PhysX

NVIDIA® PhysX® is a powerful physics engine that can utilise GPU acceleration to provide amazing real-time physics effects. NVIDIA® Surround

Set the following:

Surround configuration

Span displays with Surround

Configure...

PhysX settings

Processor:

- NVIDIA GeForce RTX 2070 SUPER
- Auto-select (recommended)
- NVIDIA GeForce RTX 2070 SUPER
- CPU

PhysX

HP Inc. HP P24q G4 Dell AW2521HFL A

NVIDIA GeForce RTX 2070 SUP...

Description:

Selecting a GPU allows an increase in PhysX processing and may improve overall performance in games or programs that support PhysX. Choose Auto-select to let NVIDIA use the best processor for PhysX.

Typical usage scenarios:

- Playing 3D games that support PhysX
- Using 3D programs that support PhysX

Choose the **highest resolution from the - PC section**

Use the **highest refresh rate**

Use **NVIDIA colour settings – highest values**

NVIDIA Control Panel

File Edit Desktop Display Help

Back Home

Select a Task...

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 - Change resolution**
 - Adjust desktop colour settings
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Change Resolution

You can adjust the amount of information appearing on the screen and reduce flickering. You can also

- Select the display you would like to change.**
 - Dell AW2521HFLA (G-SYNC Compat...)
 - HP Inc. HP P24...
- Choose the resolution.**

Connector: DisplayPort - PC display

Resolution: 1080p, 1600 × 1024
1080p, 1440 × 1080
720p, 1280 × 720
720p, 1176 × 664
576p, 720 × 576
480p, 720 × 480
PC
1920 × 1080

Refresh rate: 240Hz

Customise...
- Apply the following settings.**
 - Use default colour settings
 - Use NVIDIA colour settings
 - Desktop colour depth: Highest (32-bit)
 - Output colour depth: 8 bpc
 - Output colour format: RGB
 - Output dynamic range: Full

Description:

I believe these are default and preference

NVIDIA Control Panel
File Edit Desktop Display Help

Back

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Adjust Desktop Colour Settings

You can adjust desktop colour settings for your displays or enhance picture quality if you are using televisions.

- Select the display you would like to change**
 - Dell AW2521HFLA (G-SYNC Compat...)
 - HP Inc. HP P24...
- Colour accuracy mode**

Current colour accuracy mode: Accurate

 Override to reference mode
- Apply colour enhancements**

Output adjustments

Colour channel: All channels

Brightness: + 50%

Contrast: + 50%

Gamma: + 1.00

Very high and very low Brightness and Contrast values can limit the Gamma range.

Digital vibrance: + 50%

Hue: + 0°

Reference image: 1 2 3

Description:

Full Screen Scaling

Display scaling

If you are playing on a native resolution, use no scaling. If you are playing on a stretched resolution, set scaling to fullscreen and scale on the GPU.

NVIDIA Control Panel

File Edit Desktop Display Help

Back

Select a Task...

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- Video
 - Adjust video colour settings
 - Adjust video image settings

Adjust Desktop Size and Position

You can adjust the desktop size and position for your display.

- Select the display you would like to change.
 - Dell AW2521HF... (G-SYNC Compat...)
 - HP Inc. HP P24...
- Apply the following settings:
 - Scaling Size
 - Select a scaling mode:
 - Aspect ratio
 - Full-screen
 - No scaling
 - Integer scaling
 - Perform scaling on:
 - GPU
 - Override the scaling mode set by games and programs
 - Preview
 - Resolution: 1920 x 1080 (current)
 - Refresh rate: 240Hz
 - Native resolution: 1920 x 1080

Description:
Select where you want the scaling to be performed.

Typical usage scenarios:

- Select the GPU if you want the graphics card to do all the scaling
- Select the display if you want the display to scale the image generated by GPU

Enable G sync

Windowed + full screen mode

NVIDIA Control Panel

File Edit Desktop Display Help

Back

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 - Set up G-SYNC**
 - Set up multiple displays
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Set up G-SYNC

NVIDIA® G-SYNC™ is an NVIDIA technology that empowers G-SYNC capable displays to show the best visuals with low latency and no tearing.

- 1. Apply the following changes.**
 - Enable G-SYNC, G-SYNC Compatible**
 - Enable for full screen mode
 - Enable for windowed and full screen mode
- 2. Select the display you would like to change.**
 - Dell AW2521HFLA (G-SYNC Compat...)
 - HP Inc. HP P24...
- 3. Display Specific settings.**
 - Enable settings for the selected display model**

To enable this monitor set it as primary display on the [Set up multiple displays](#) page

Description:

G-SYNC, G-SYNC Compatible allows your enabled monitor to stay in sync with your games render rate, increasing smoothness and reducing latency.

Typical usage scenarios:

Most useful for games that have variable render rates below the peak refresh rates of your monitor.

Highest values

NVIDIA Control Panel
File Edit Desktop Help

Back

Select a Task...

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 - Adjust desktop size and position
 - Set up G-SYNC
 - Set up multiple displays
- Video
 - Adjust video colour settings**
 - Adjust video image settings

Adjust video colour settings

Adjusting the video colour settings will allow you to fine tune the colour settings for video conte...

1. Select the display you would like to change

Dell AW2521HFLA (G-SYNC Compat...)
HP Inc. HP P24...

2. How do you make colour adjustments?

With the video player settings
 With the NVIDIA settings

Colour Gamma Advanced

Dynamic range: Full (0-255)

Description:
Select this option to use the colour settings specified in the NVIDIA Control Panel.

Typical usage scenarios:

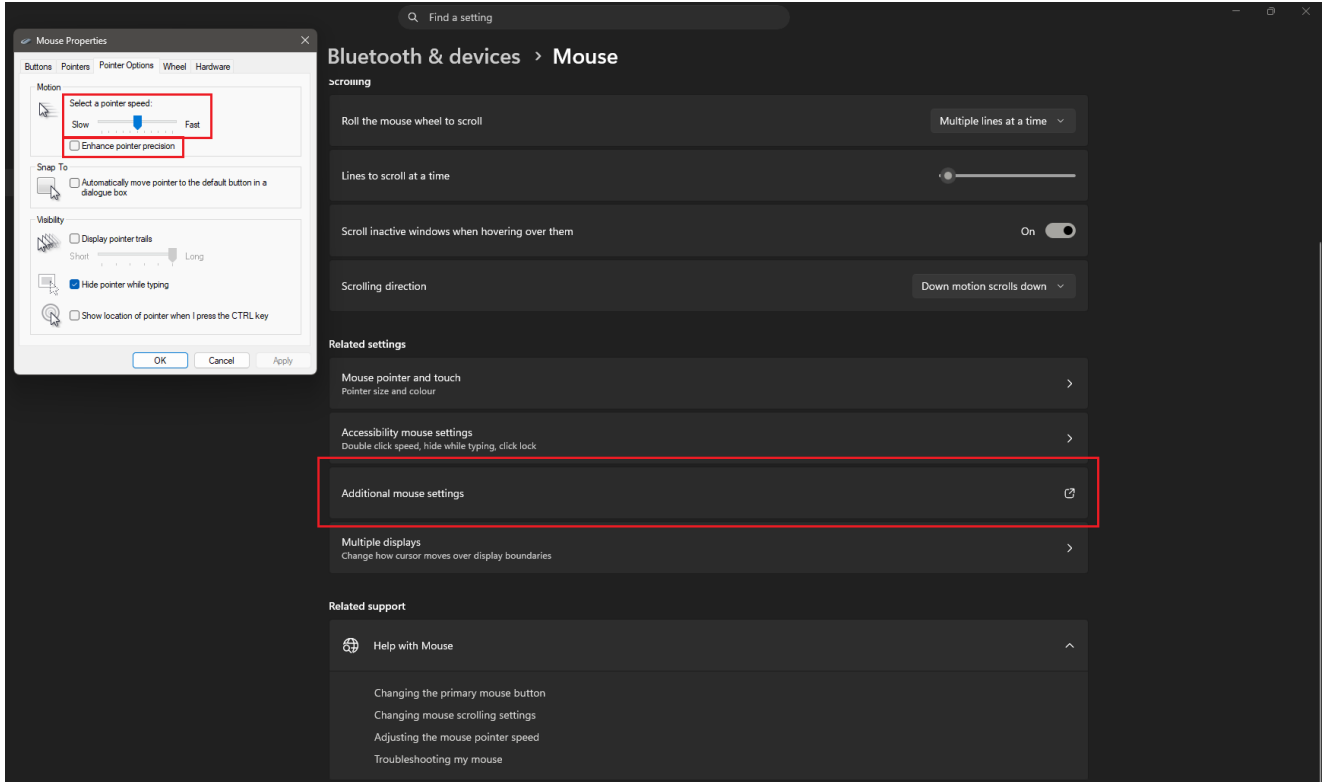
- You are not satisfied with the colour controls in your movie player applications
- You want the same colour settings for all your video applications

Mouse settings

Go to **“additional mouse settings”** in the Windows 11 settings

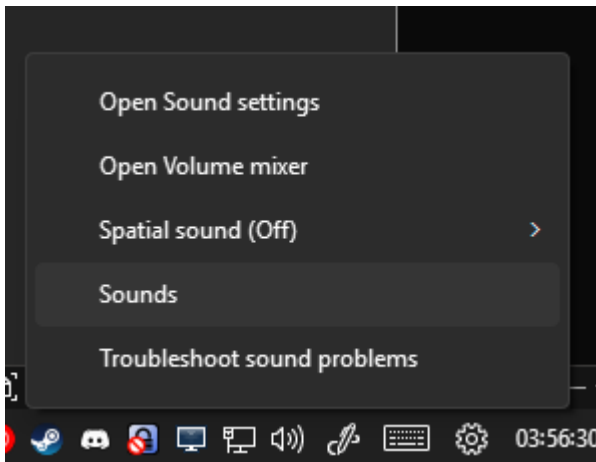
Make sure the speed is on **6/11**.

And **enhance precision** is disabled.

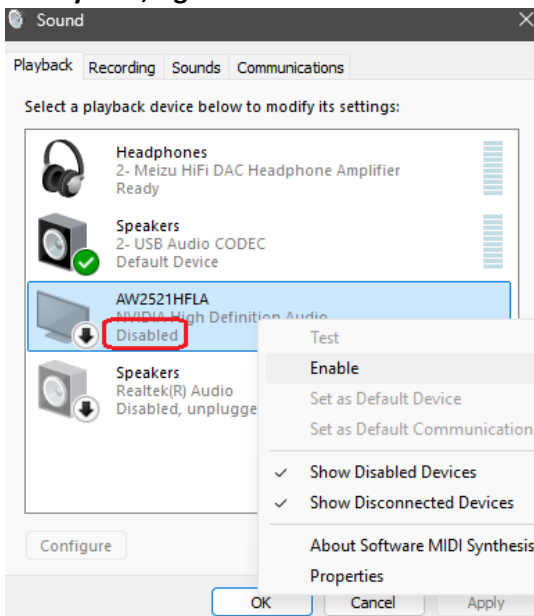


Audio input/output

Right click the sound icon and click sounds



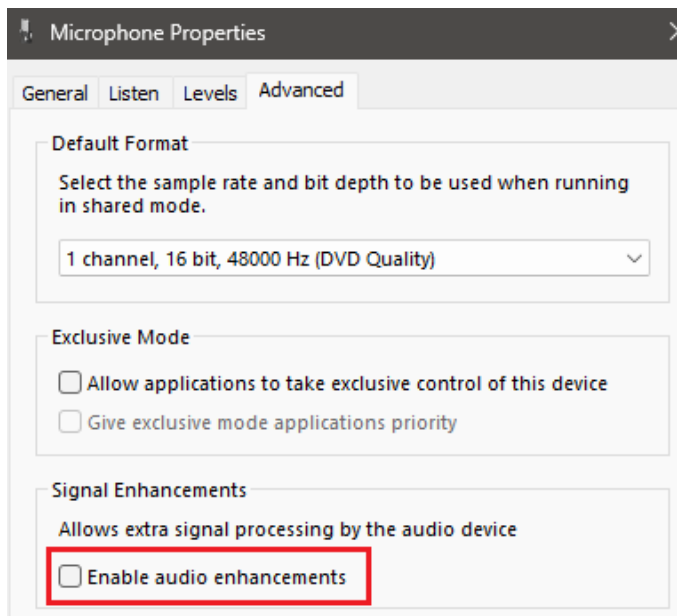
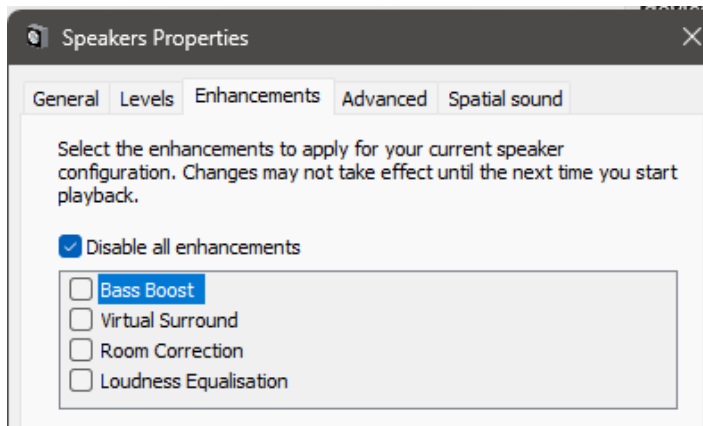
In Playback, right click and click disable on every audio output you don't use



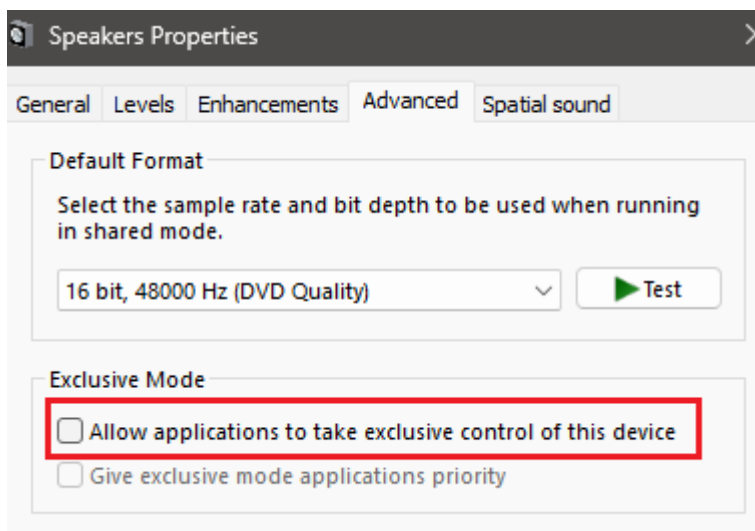
Repeat for Recording tab

Go to the properties of all your playback (output) and recording (input) devices

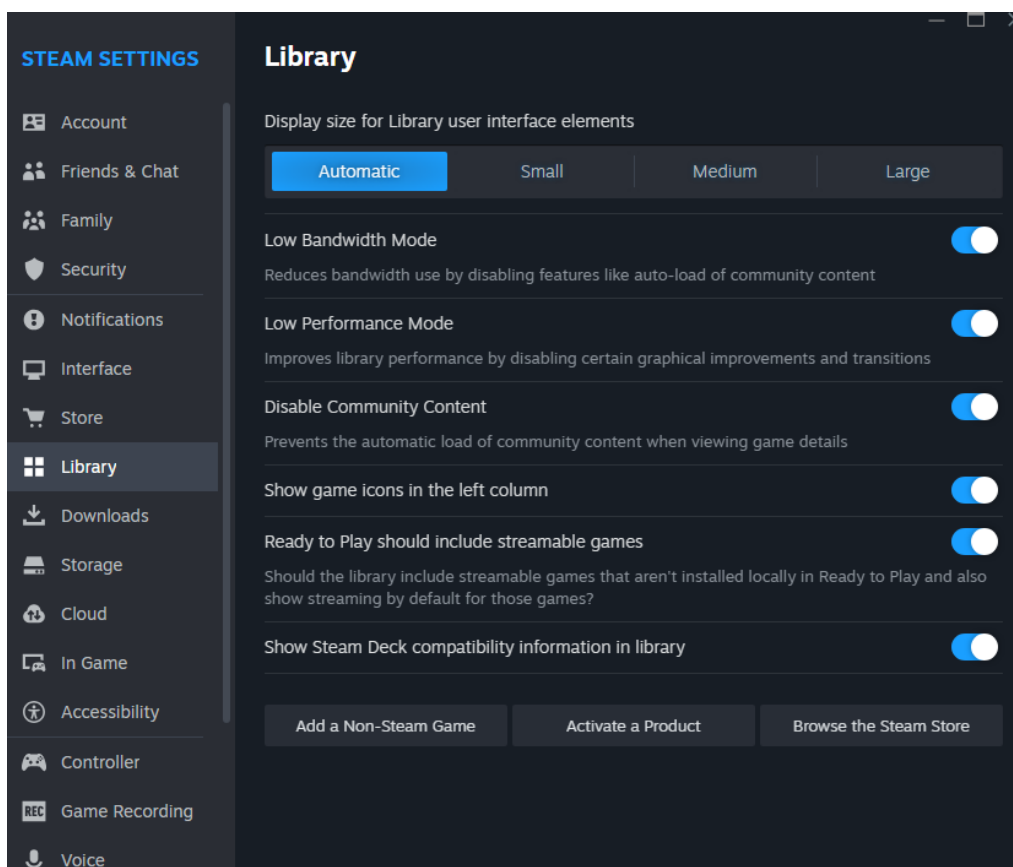
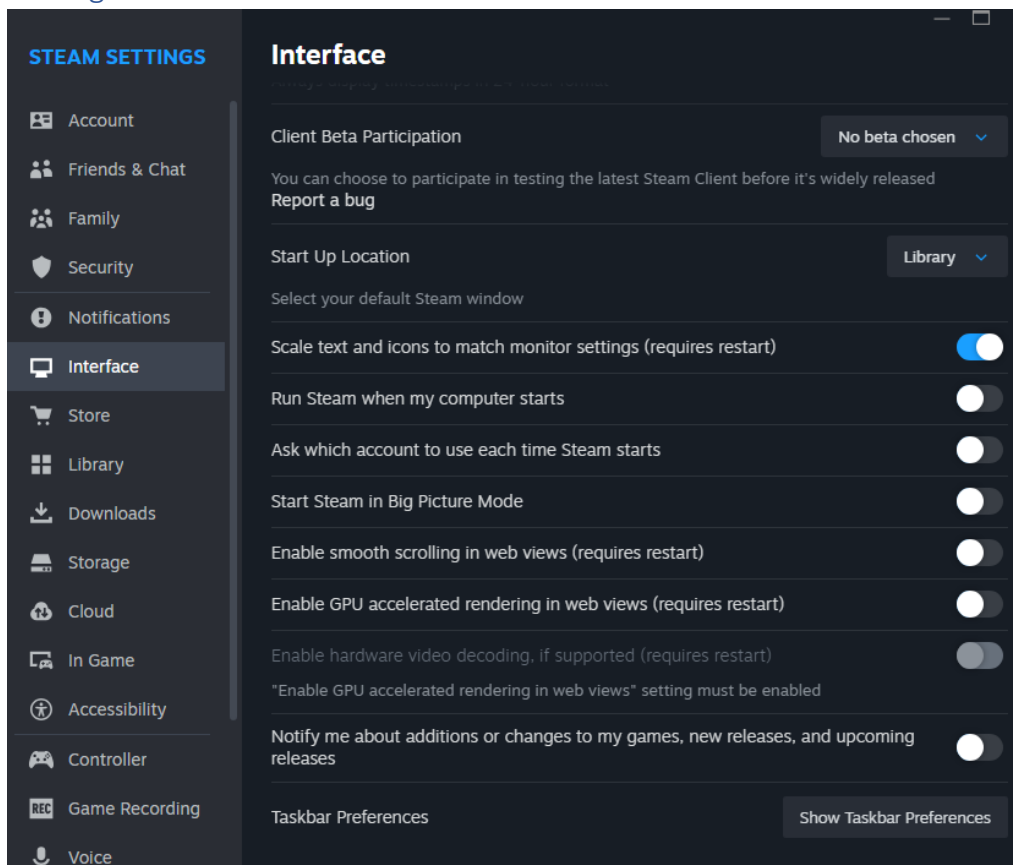
Make sure enhancements are disabled

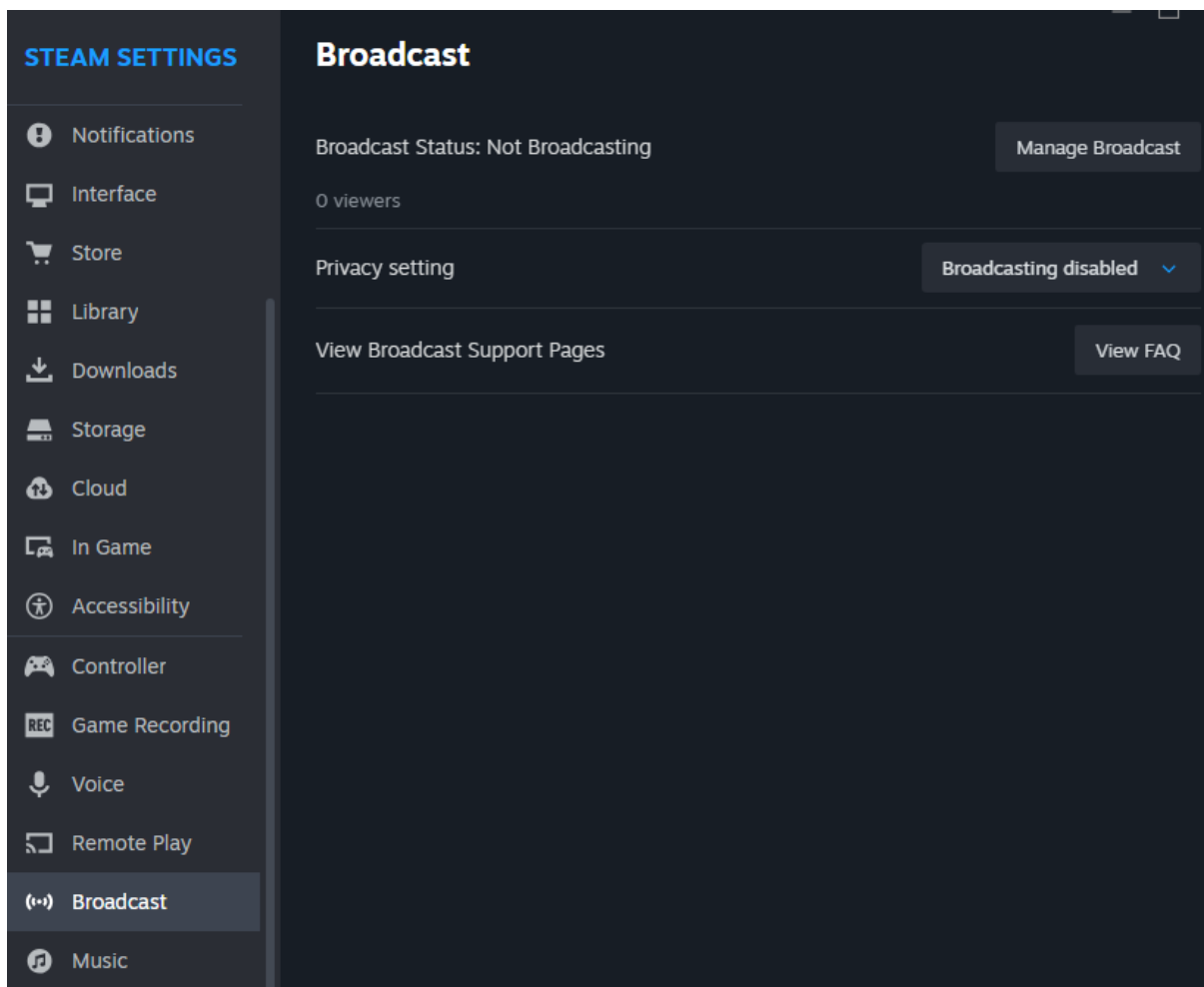
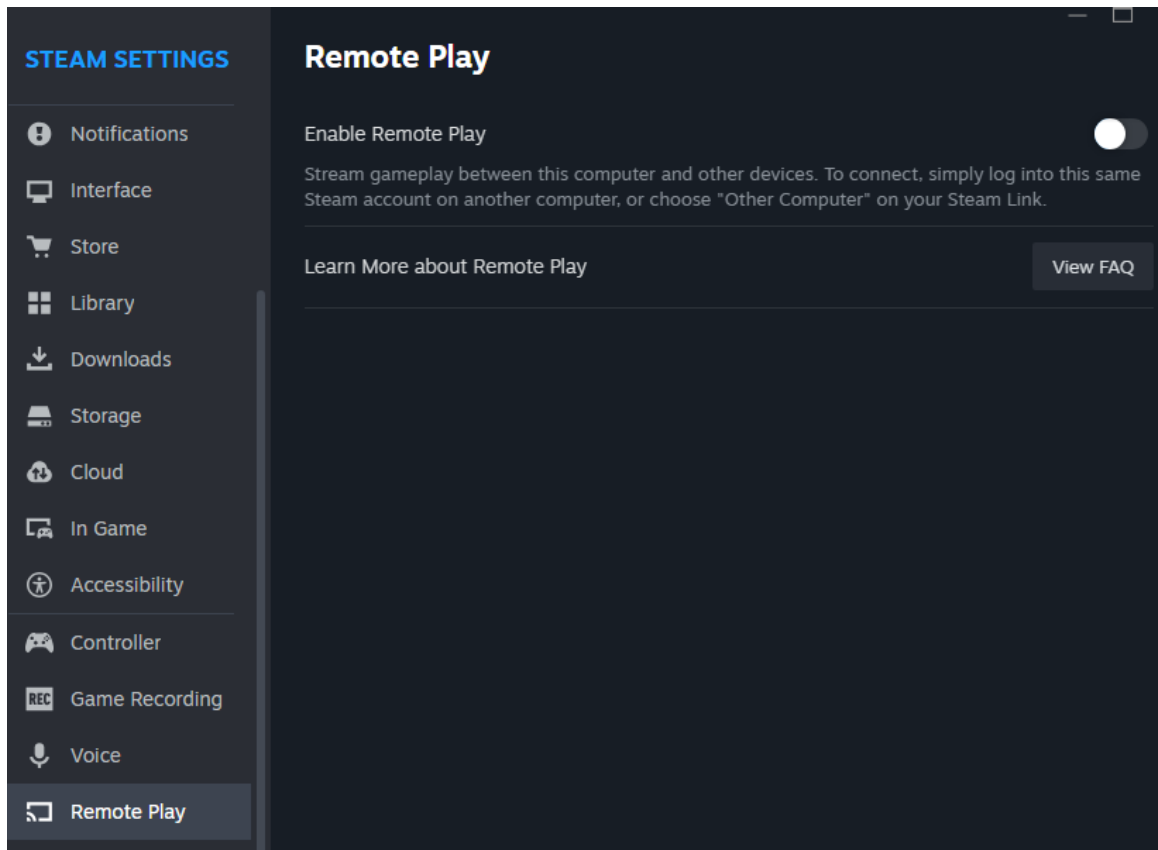


And untick "allow applications to take control.."



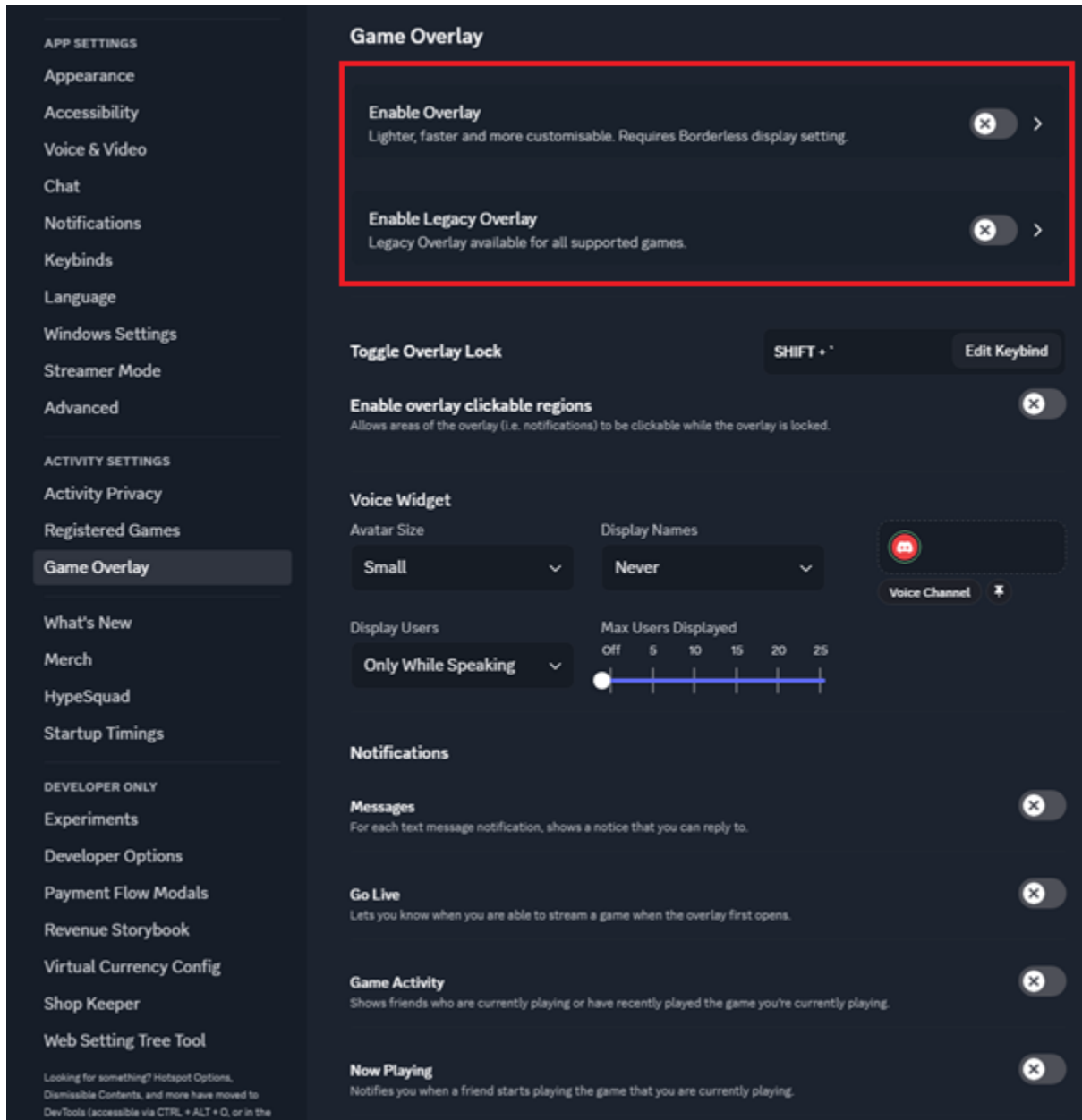
Steam Settings



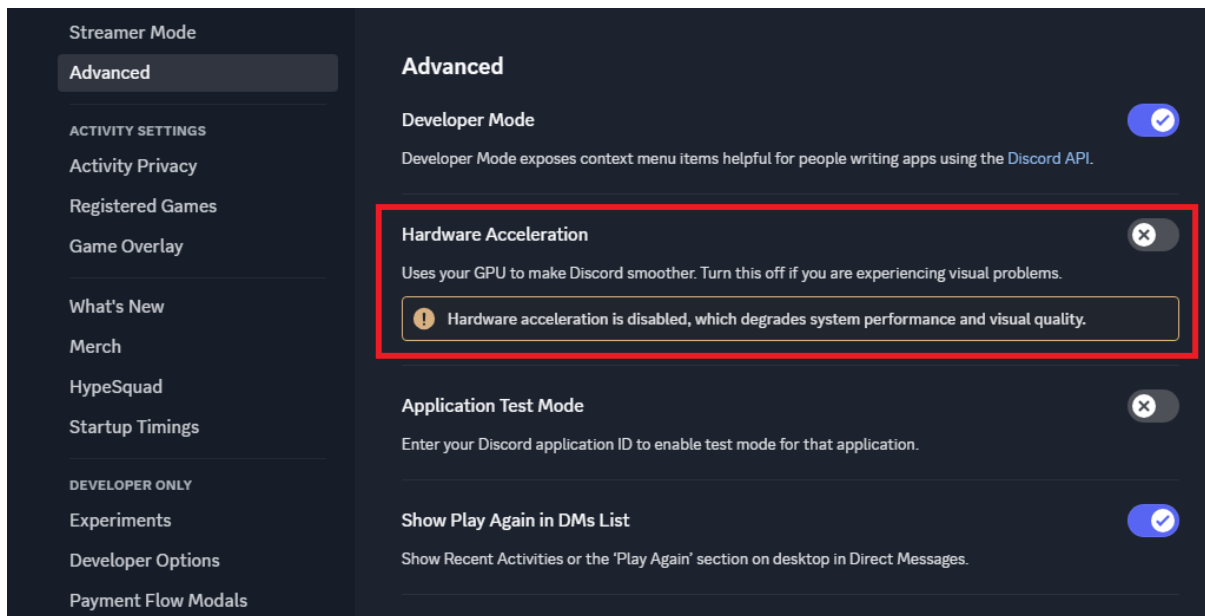


Discord Settings

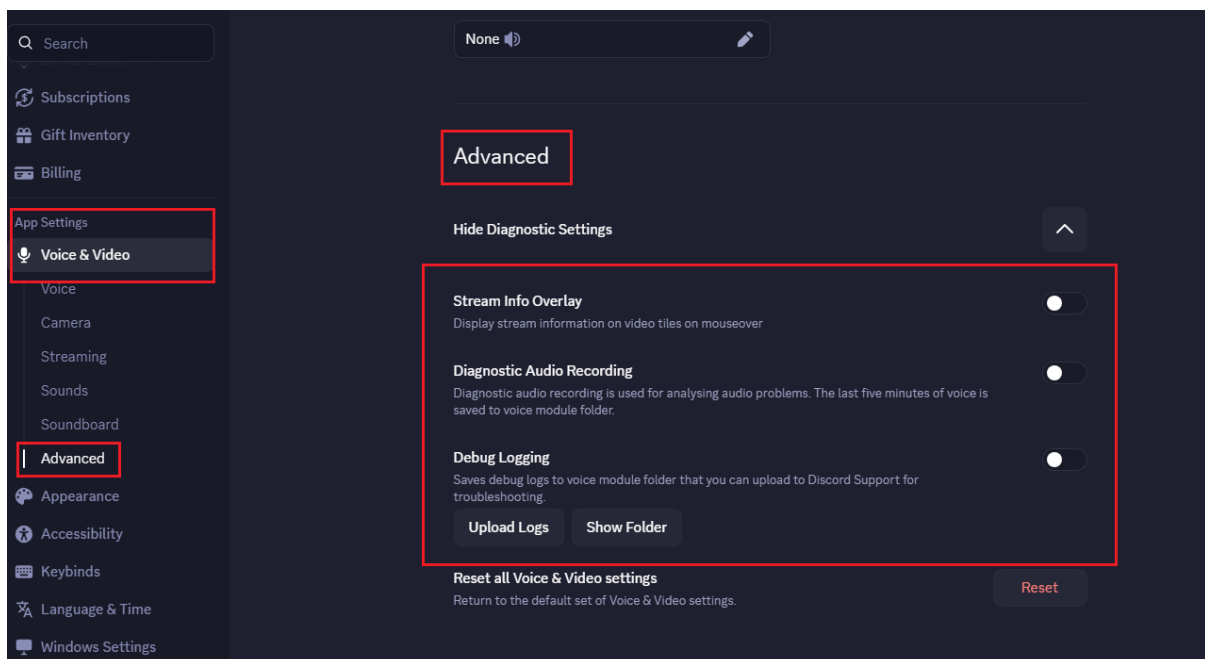
Ensure Game Overlay is **DISABLED**



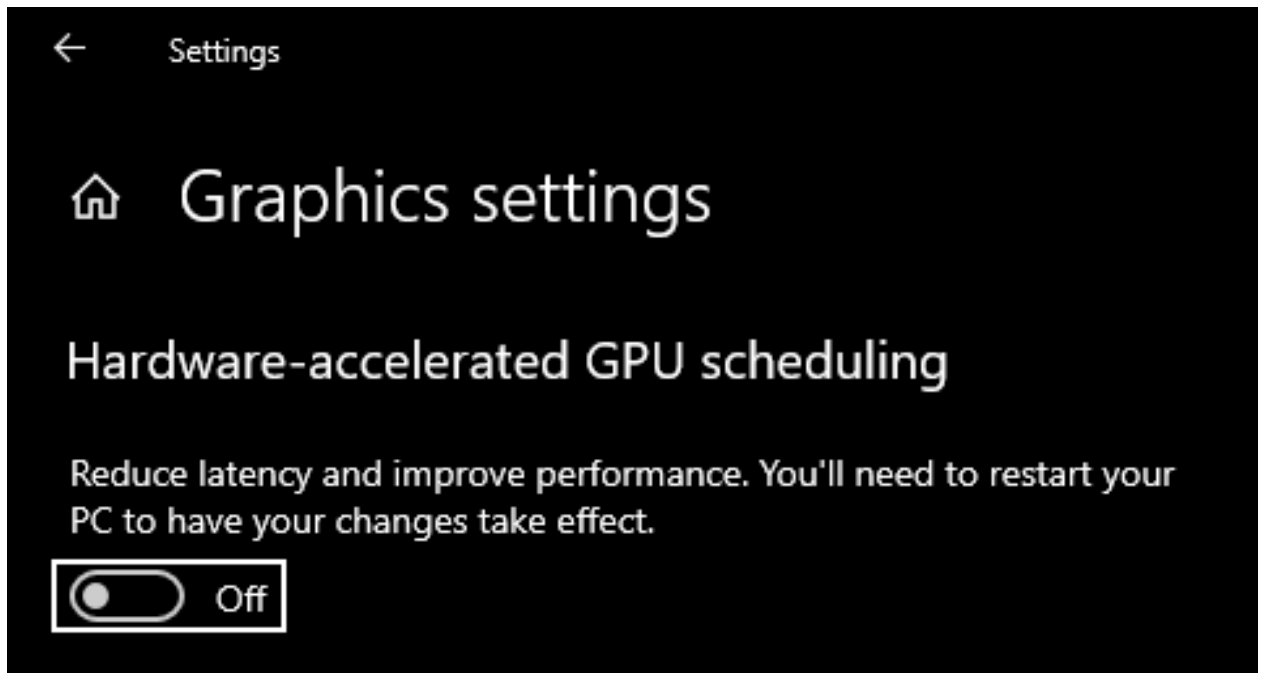
Ensure Hardware Acceleration is **DISBALED**



Disable all diagnostic settings



Windows hardware acceleration



Malwarebytes

Download Malwarebytes

<https://www.malwarebytes.com/>

Scan PC and **remove everything found** (unless you know exactly what it is and what it is used for).

Scan PC every couple month or so.

Uninstall all other 3rd party Anti-Virus, you don't need it.

Just don't open spam email and you'll be fine.

Use **uBlock Origin** on your browser, make sure to uninstall **ALL** other adblock extensions.

Tip: Don't use Chrome, Chrome does not allow uBlock Origin.

Use Brave or FireFox instead. Brave might be a bit more "user-friendly".

Custom Windows Power Plan

Create a folder on your C:\ drive and name it "FPSHEAVEN_TUTORIAL".

Download the FPSHEAVEN2026 power plan

<https://fpsheaven.com/wp-content/uploads/2025/12/FPSHEAVEN2026.zip>

and unzip the files into the newly created folder.

Open Command Prompt and enter the following command:

```
powercfg -import "C:\FPSHEAVEN_TUTORIAL\FPSHEAVEN2026.pow"
```

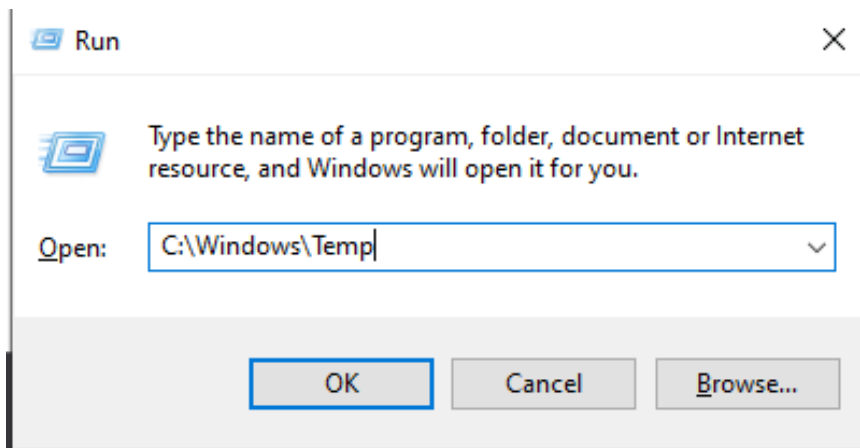
Windows + R and Enter powercfg.cpl.

In the newly opened window, select the FPSHEAVEN2026 power plan.

Reboot your PC.

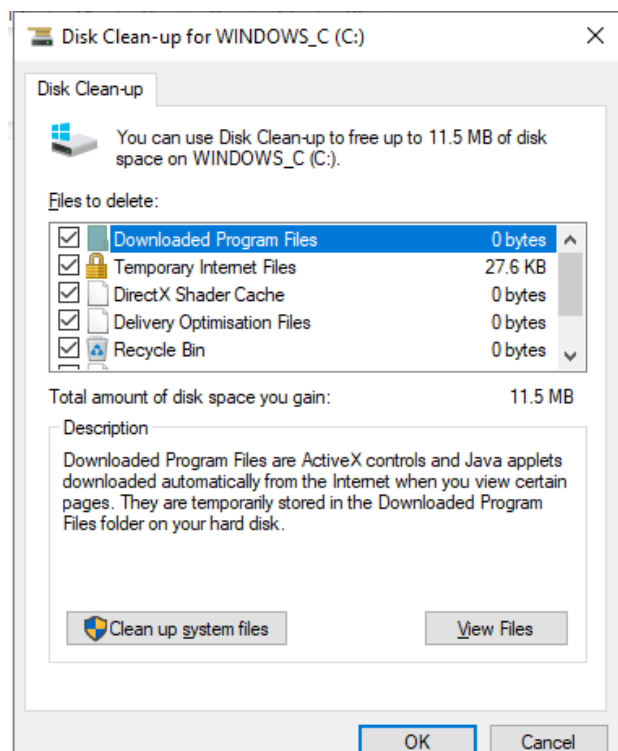
Windows Cleaning

1. Press Windows key + R on your keyboard to open Run.
2. Enter C:\Windows\Temp and click OK.
3. Select all the files in the folder by selecting a random file and pressing CTRL+A on your keyboard.
4. Press your Delete key.
5. Tick the Do this for all current items box and click Skip.
6. Repeat the process for the AppData Temp folder by entering %temp% into Run.



Disk cleanup

1. Press Windows key + R on your keyboard to open Run.
2. Paste C:\Windows\System32\cleanmgr.exe and click OK.
3. Select the C:\ drive and click OK.
4. Tick every box, click OK, then click Delete Files.



Clean up system files

1. Press Windows key + R on your keyboard to open Run.
2. Paste C:\Windows\System32\cleanmgr.exe and click OK.
3. Click Clean up system files.
4. Choose what you want to clean. Most people select everything.
5. Click OK. This process might take a bit longer, so be patient.

Remove unwanted applications

Press Windows + R

Type "appwiz.cpl" and press enter

Remove every single program you don't need or use

You can download Geek Uninstaller if you like to make it easier

<https://geekuninstaller.com/download>

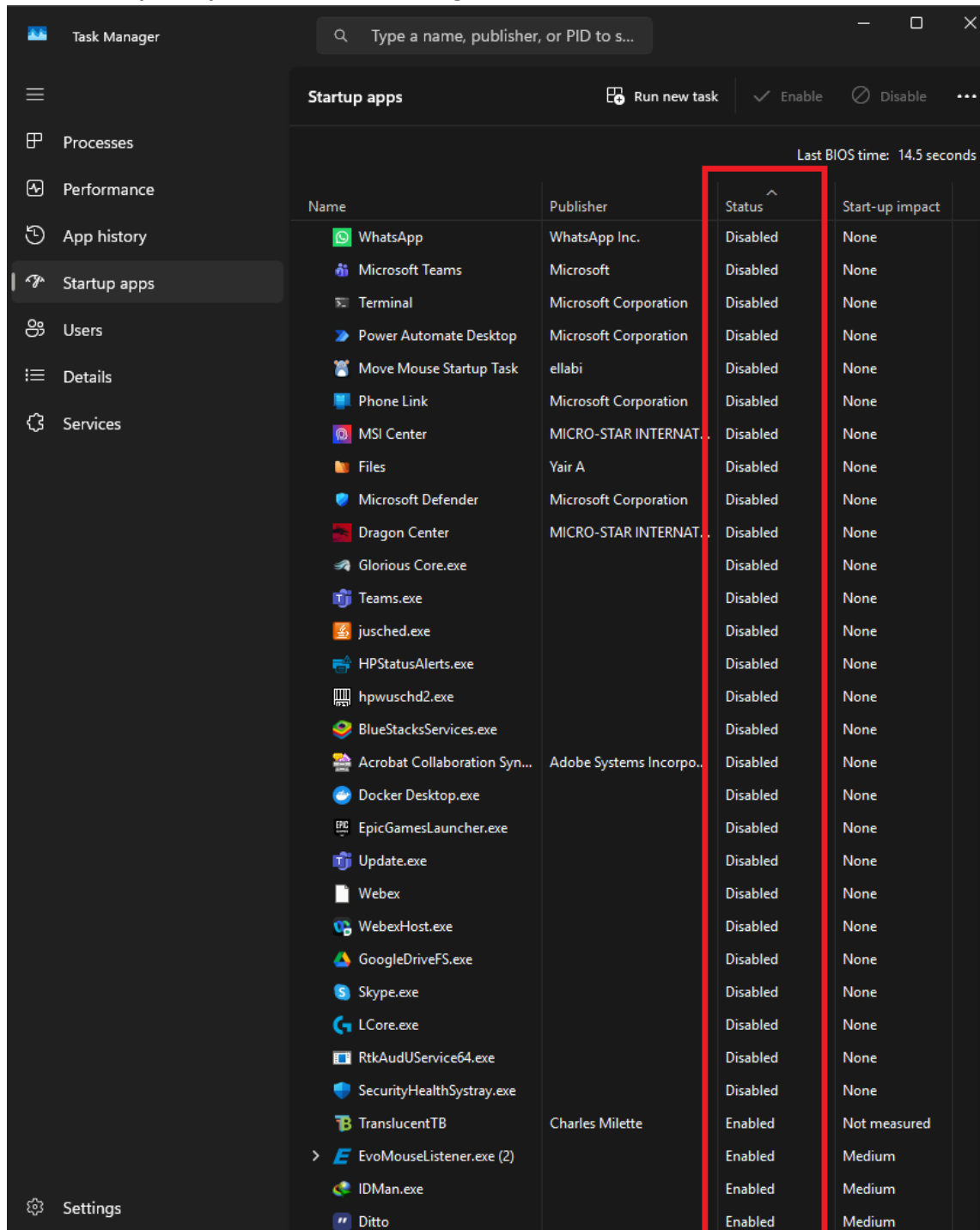
Unzip and use geek.exe to get started.

Disabling Startup Processes

Disabling unnecessary startup apps can reduce background load and make CS2 run smoother.

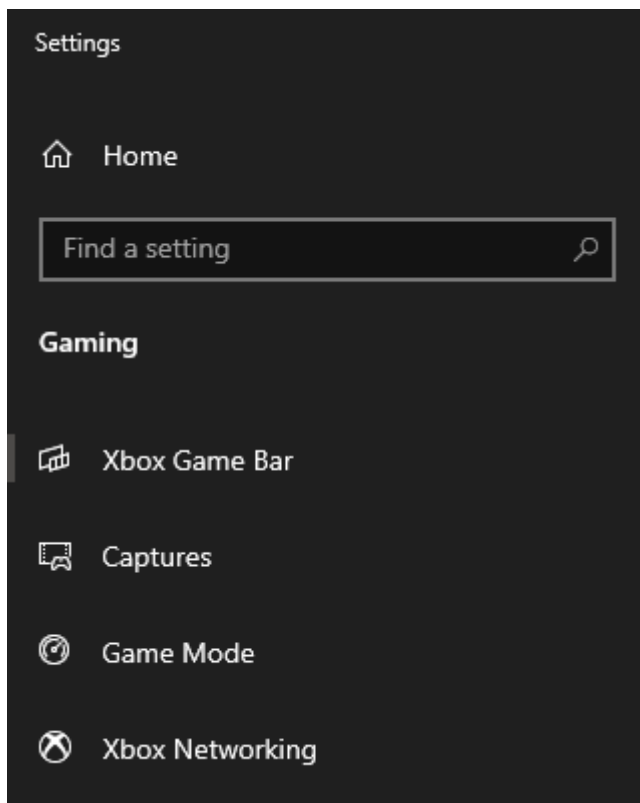
1. Press CTRL+SHIFT+ESC to open Task Manager.
2. Select the Startup tab.
3. Right-click the programs you do not want running on startup, then click Disable.

I have at least 90% disabled. You need almost none of it. If you don't know what it is or does, disable it. **Disable especially the audio related things.**



Game bar

Go to all of these tabs and make sure everything is turned OFF



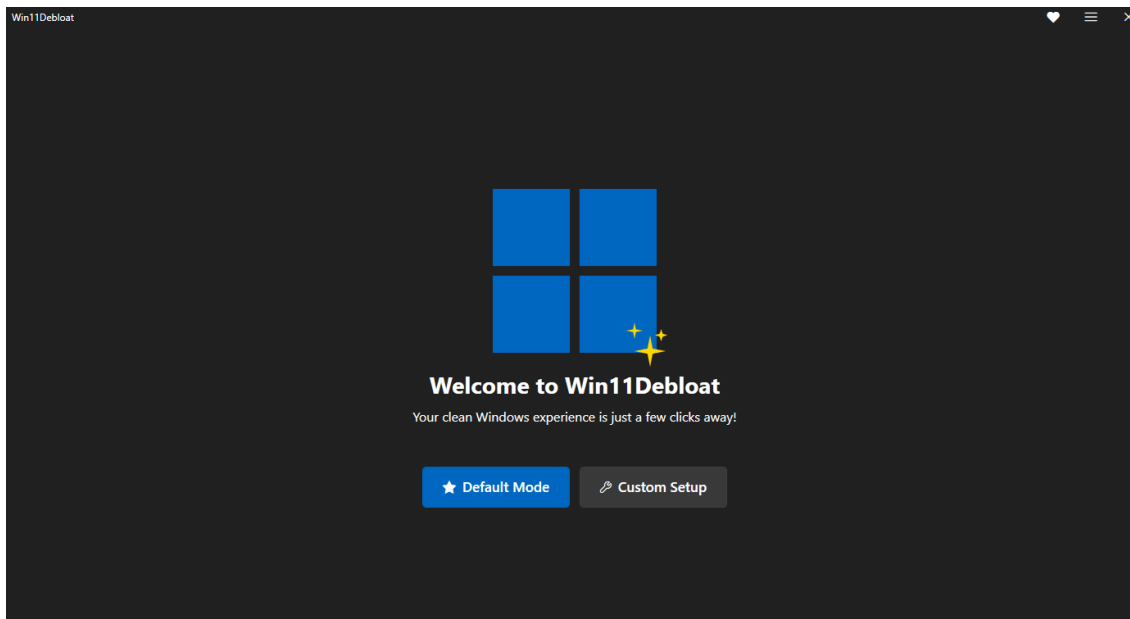
Debloat Windows

Open **PowerShell** (run as admin)

Copy and paste the following command and press enter (note: the PowerShell Command mentioned below **might be outdated**. See <https://github.com/Raphire/Win11Debloat> to get the latest version.)

```
& ([scriptblock]::Create((irm "https://debloat.raphi.re/")))
```

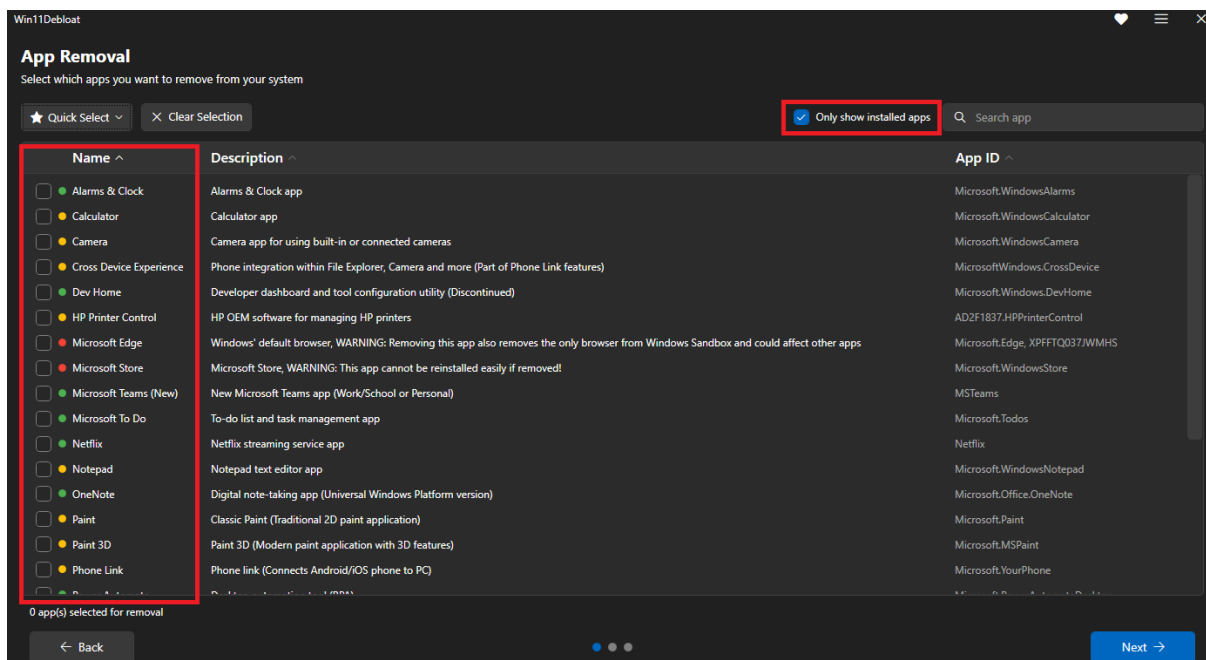
Select **Custom Setup**



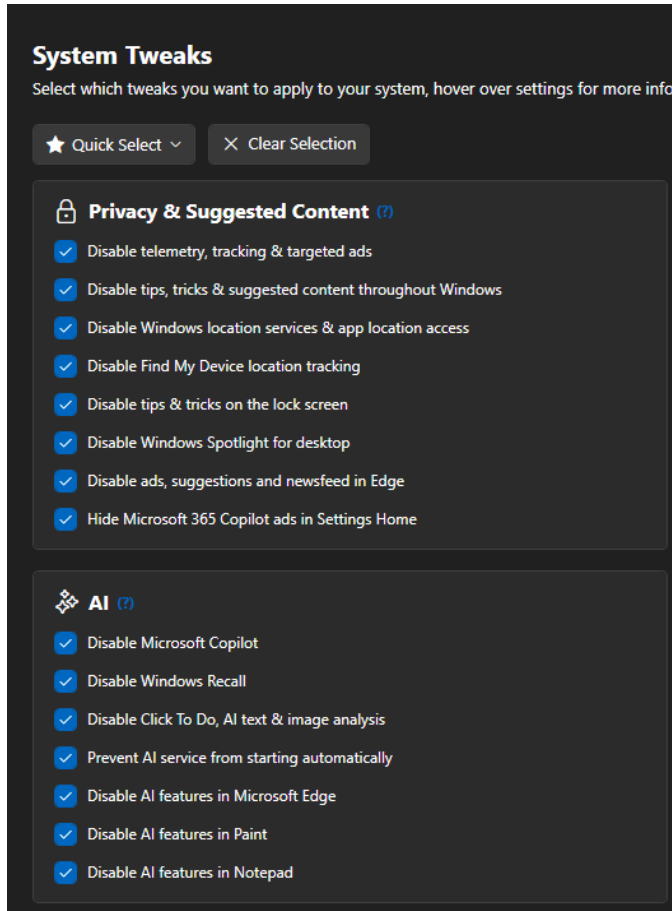
Tick on the top right box to only show installed programs

Tick desired programs to be removed (MOST of them) and press **NEXT**

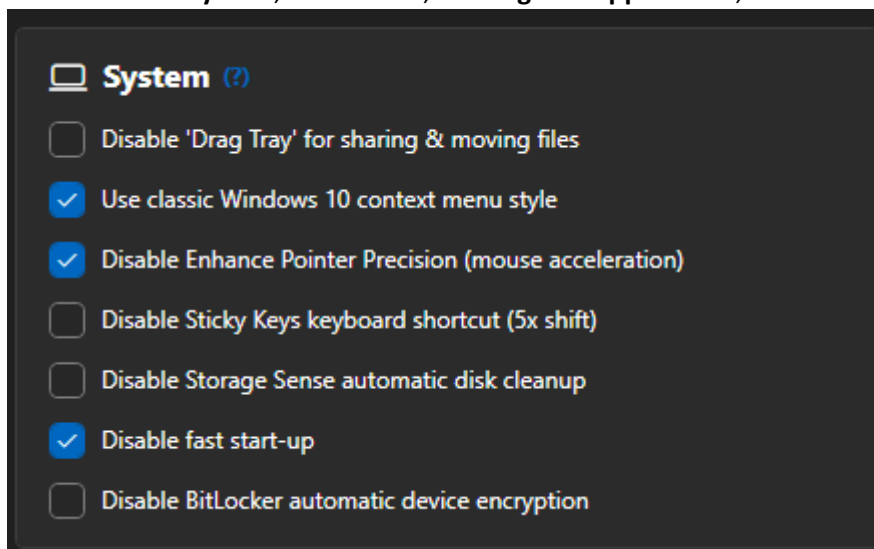
Make sure to select the Xbox ones, Cortana, CoPilot, Bing and all things you won't ever need, etc.

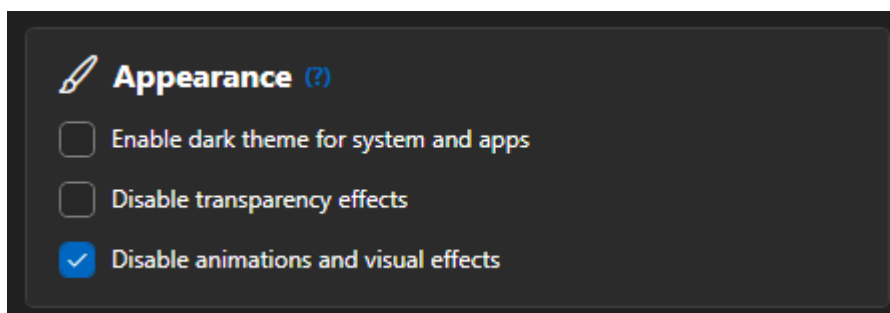
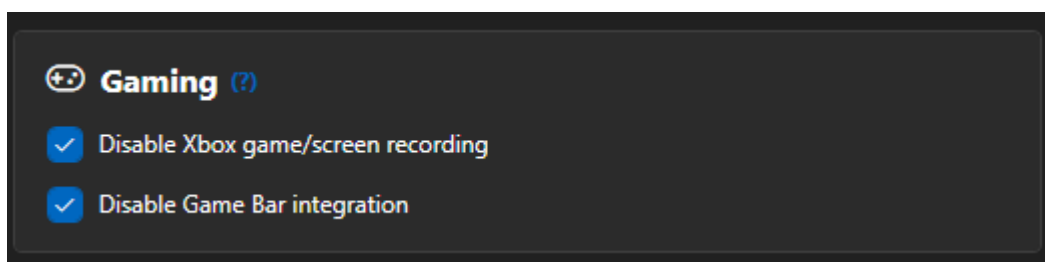
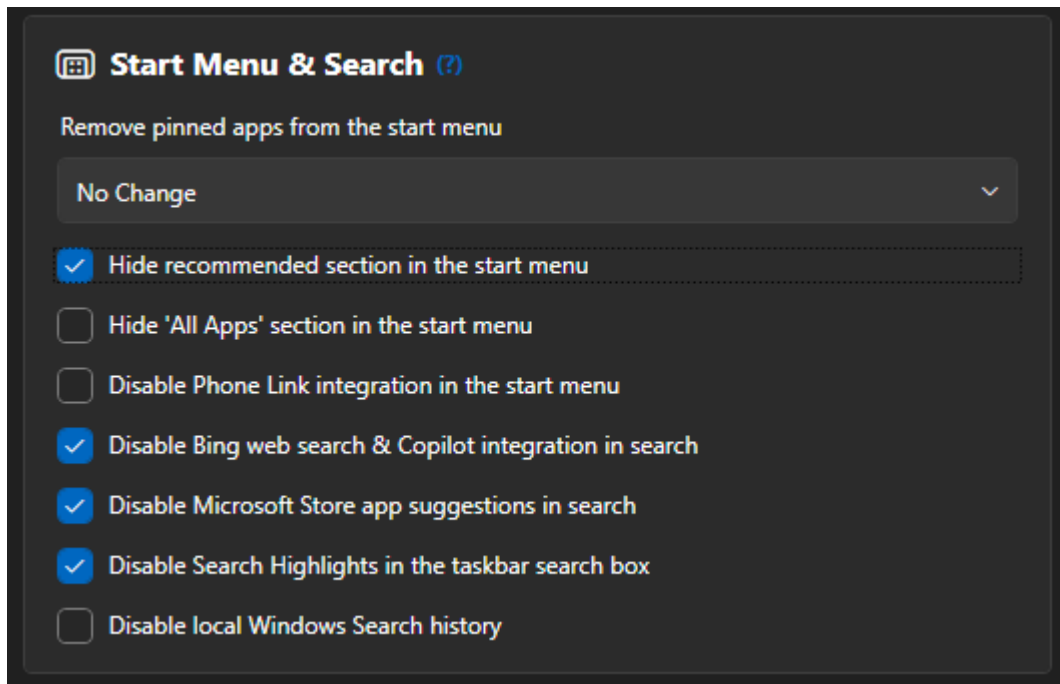


Make sure to select **ALL** in the **Privacy** and **AI** section.



Select these in **System**, **Start menu**, **Gaming** and **Appearance**,

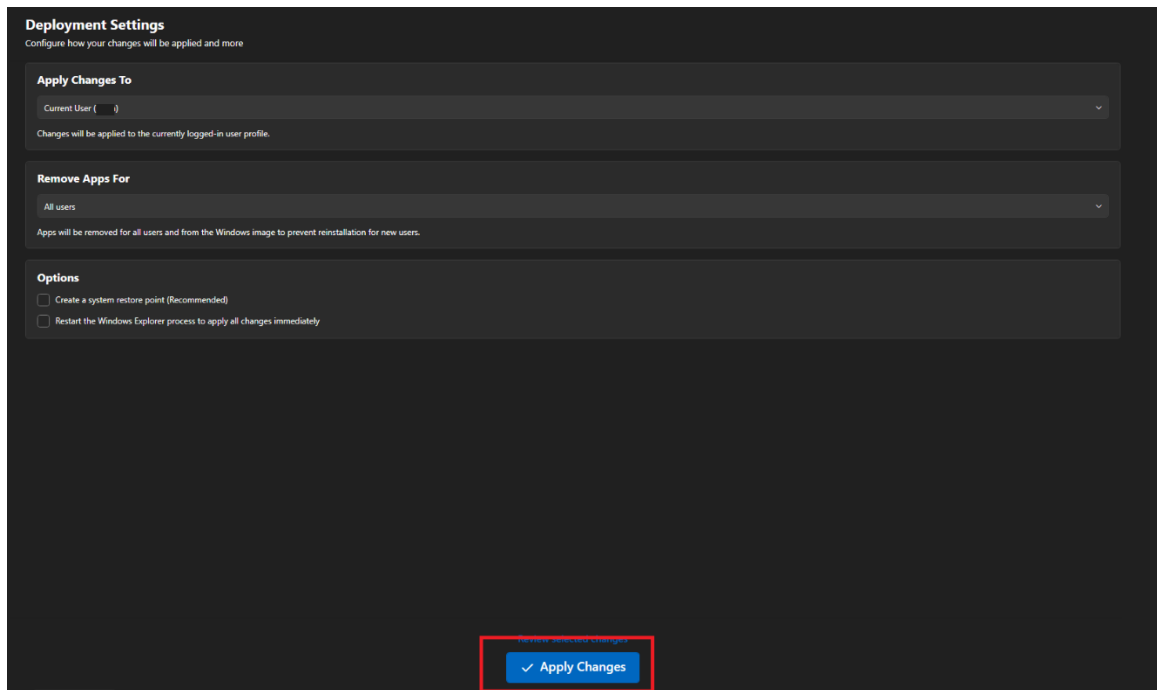




Likewise check ALL options in ALL sections and select what you personally like other than what is shown here.

Then press **NEXT**

Finally, **tick** “restart windows explorer” and press **APPLY CHANGES**.



Note: I don't personally create a system restore point as I'm confident in what I'm removing.

If you are not, then tick the box to create a restore point.

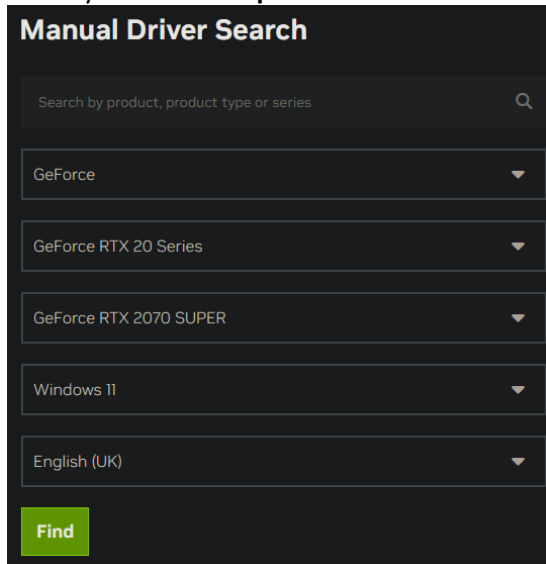
Counter-Strike 2 Tweaks

NVIDIA 591.86 Driver

Download and install 591.86 NVIDIA driver

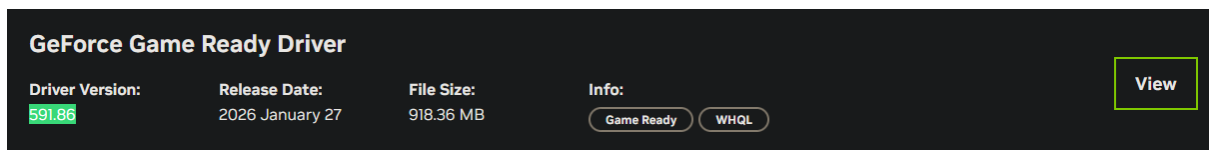
Go to: <https://www.nvidia.com/en-gb/drivers/>

Put in your **GPU** and **press find**:



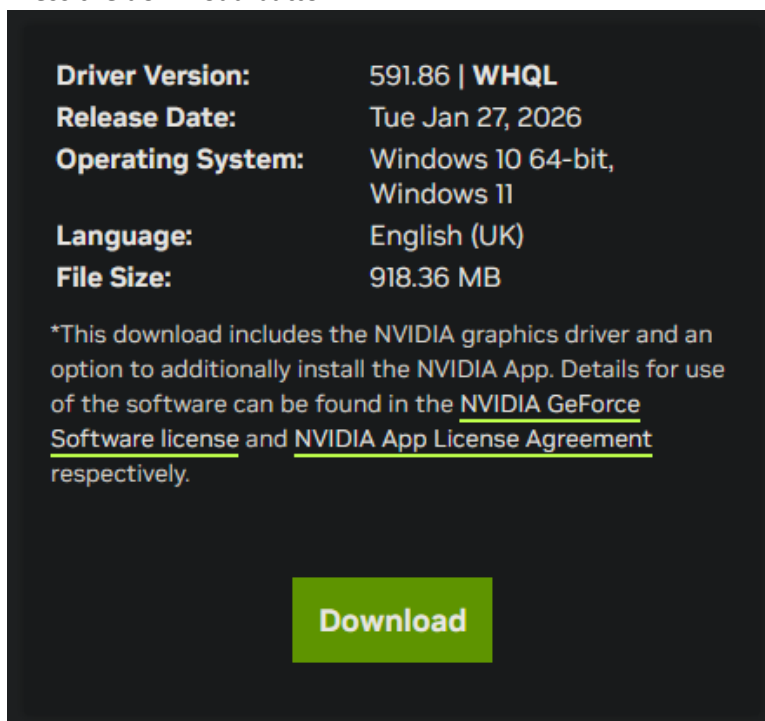
The screenshot shows the 'Manual Driver Search' interface on the NVIDIA website. It features a search bar at the top with the placeholder text 'Search by product, product type or series'. Below the search bar are five dropdown menus: 'GeForce', 'GeForce RTX 20 Series', 'GeForce RTX 2070 SUPER', 'Windows 11', and 'English (UK)'. At the bottom left of the search area is a green 'Find' button.

Look for **591.86** and click **VIEW**



The screenshot shows the 'GeForce Game Ready Driver' product page. It displays the following information: 'Driver Version: 591.86', 'Release Date: 2026 January 27', and 'File Size: 918.36 MB'. There are two buttons under 'Info': 'Game Ready' and 'WHQL'. A green 'View' button is located in the top right corner.

Press the download button



The screenshot shows the driver download details page. It lists the following information: 'Driver Version: 591.86 | WHQL', 'Release Date: Tue Jan 27, 2026', 'Operating System: Windows 10 64-bit, Windows 11', 'Language: English (UK)', and 'File Size: 918.36 MB'. Below this information is a paragraph of text: '*This download includes the NVIDIA graphics driver and an option to additionally install the NVIDIA App. Details for use of the software can be found in the [NVIDIA GeForce Software license](#) and [NVIDIA App License Agreement](#) respectively.' At the bottom center is a large green 'Download' button.

Open up command prompt and type in "nvidia-smi" to confirm driver installation

```
Command Prompt
Microsoft Windows [Version 10.0.26200.8246]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ >nvidia-smi
Wed Apr 29 03:47:36 2026

+-----+-----+-----+-----+-----+-----+
| NVIDIA-SMI 591.86                Driver Version: 591.86          CUDA Version: 13.1     |
+-----+-----+-----+-----+-----+-----+
| GPU   Name           Driver-Model  Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf      Pwr:Usage/Cap |      Memory-Usage     | GPU-Util  Compute M. |
|=====+=====+=====+=====+=====+=====+
|  0   NVIDIA GeForce RTX 2070 ... WDDM  00000000:29:00.0 On  |         17%          Default |
| 14%   53C   P0             43W / 215W | 1574MiB / 8192MiB     |             MIG M. |
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```

I don't recommend the "NVIDIA APP" as I consider it bloatware nor updating the driver to a newer potentially unstable one, just for you to wait for them to fix it.

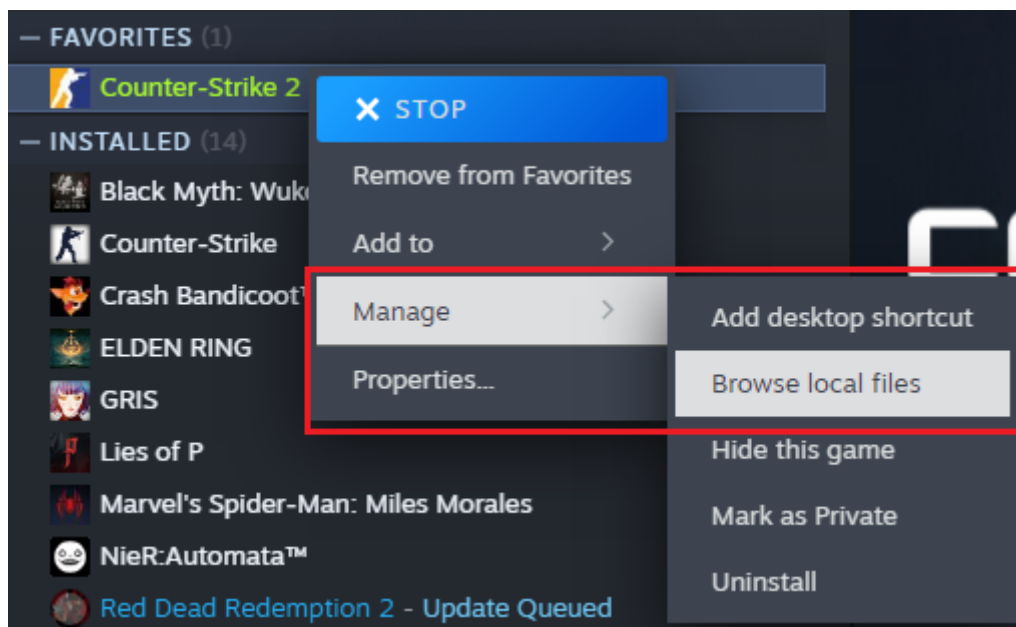
Auto-Exec

autoexec location:

[Drive letter game is installed]:\SteamLibrary\steamapps\common\Counter-Strike Global Offensive\game\csgo\cfg

OR

Right-click game on Steam, Manage, Browser Local Files



Then navigate further to → **game\csgo\cfg**

Create a file here and name it: **autoexec.cfg (extension .cfg not .txt)**

Open the file

Add the following at minimum:

```
fps_max "0"  
fps_max_tools "0"  
fps_max_ui "0"  
engine_low_latency_sleep_after_client_tick "1"  
cl_hud_telemetry_serverrecvmargin_graph_show "0"  
cl_allow_animated_avatars "0"
```

Use mine for reference:

```
//autoexec.cfg in <drive letter>:\SteamLibrary\steamapps\common\Counter-Strike Global  
Offensive\game\csgo\cfg  
//Ludw1g.cfg CS2
```

```
//Launch Options: -threads 9 -noreflex -mainthreadpriority 2
```

```
//Settings  
//sensitivity "1.6" //G PRO X superlight  
sensitivity "1.75" //Test sensitivity
```

```
//fps  
fps_max "0"  
fps_max_tools "0"  
fps_max_ui "0"  
rate "786432"  
r_drawtracers_firstperson "1"  
r_fullscreen_gamma "1.55"  
cl_use_opens_buy_menu "0"  
cl_teamid_overhead_mode "3"  
hud_showtargetid "0"  
cl_player_ping_mute "1"  
cl_showfps "0"  
r_show_build_info "0"  
cl_hud_telemetry_serverrecvmargin_graph_show "0"  
engine_low_latency_sleep_after_client_tick "1"  
cl_allow_animated_avatars "0"  
cl_weapon_selection_rarity_color "1"  
cl_sniper_show_inaccuracy "0"  
engine_no_focus_sleep "0"
```

```
//Viewmodel  
viewmodel_fov 68  
viewmodel_offset_x 2.5  
viewmodel_offset_y 0  
viewmodel_offset_z -1.5  
viewmodel_presetpos 3
```

```
//Binds  
bind "ctrl" "sv_cheats 1; noclip"  
bind "p" "toggle volume 0 0.05 0.43"  
bind "r" "+reload"  
//unbind "y"
```

```
//Jump Bind  
bind "mwheeldown" "+jump"  
//de-subtick jump bind  
//alias +jump_ "exec "+jump"  
//alias -jump_ "exec "-jump"  
//bind "mwheeldown" "+jump_"
```

```
exec movement/setup  
toggleconsole
```

Set 0 focus loss

This is to focus on other windows (say on your second monitor) without the game “tabbing-out”, even though you are on “fullscreen” mode.

Go to

C:\Program Files (x86)\Steam\userdata\[SteamID]\730\local\cfg\cs2_video.txt

And set the following to 0:

"setting.fullscreen_min_on_focus_loss" "0"

In-Game settings

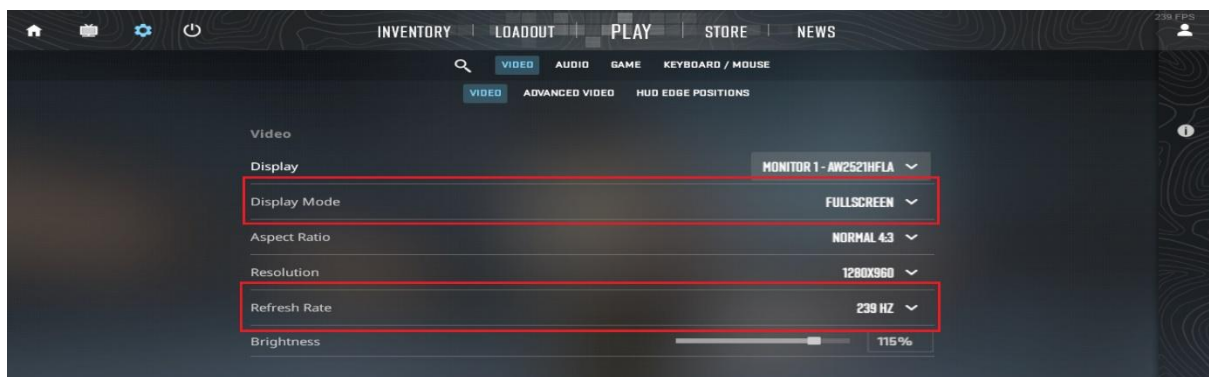
Note: Best in game settings for competitiveness.

If you experience unacceptable FPS, lower the settings.

Video

Make sure **Display Mode** is on **FULLSCREEN**

Make sure the **highest Refresh Rate** is always selected



Advanced Video

Boost Player Contrast - Enabled

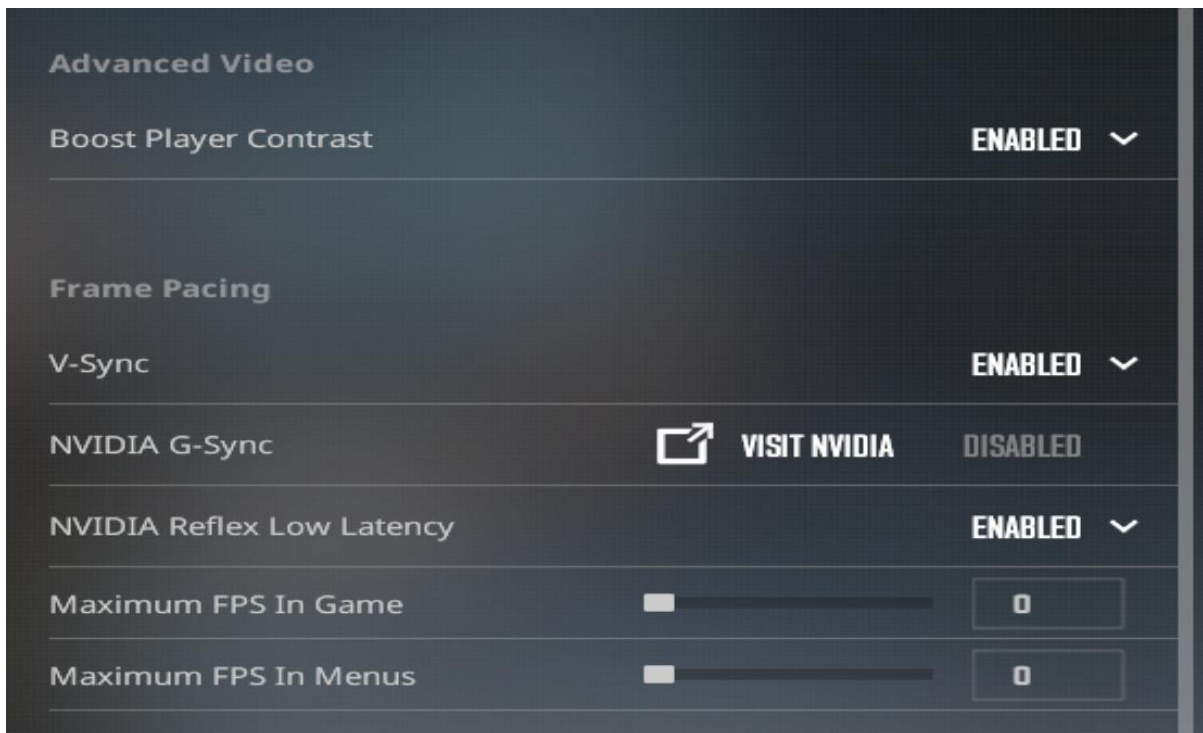
V-Sync - ENABLED

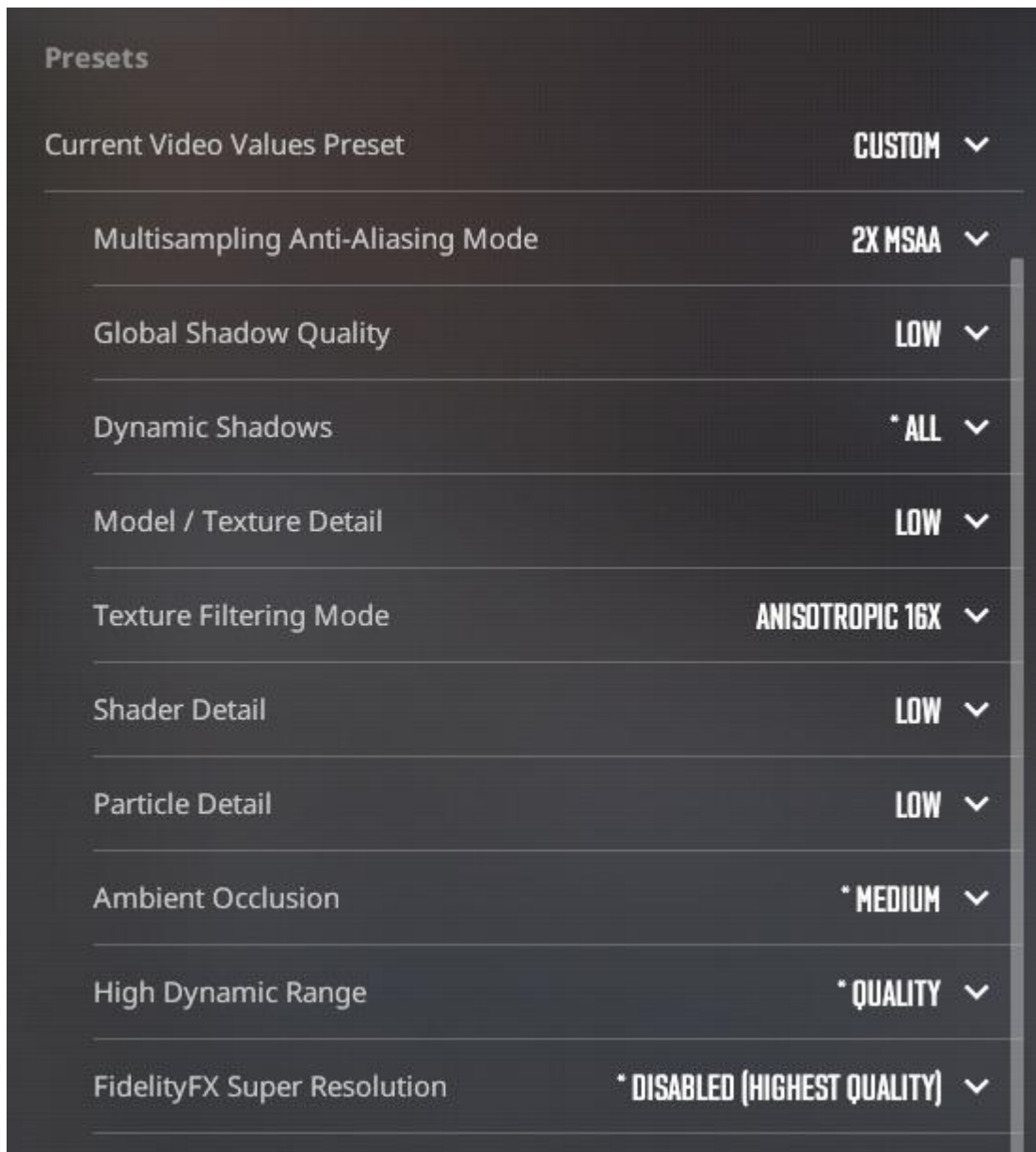
Make sure your G-Sync - ENABLED in NVCP (see page 5)

(If you do not have a monitor that has GSYNC or FREESYNC then use:
Monitor Technology – Fixed
Vertical Sync – OFF)

Reflex – ENABLED

Leave FPS in game and menu as you already put that in your autoexec



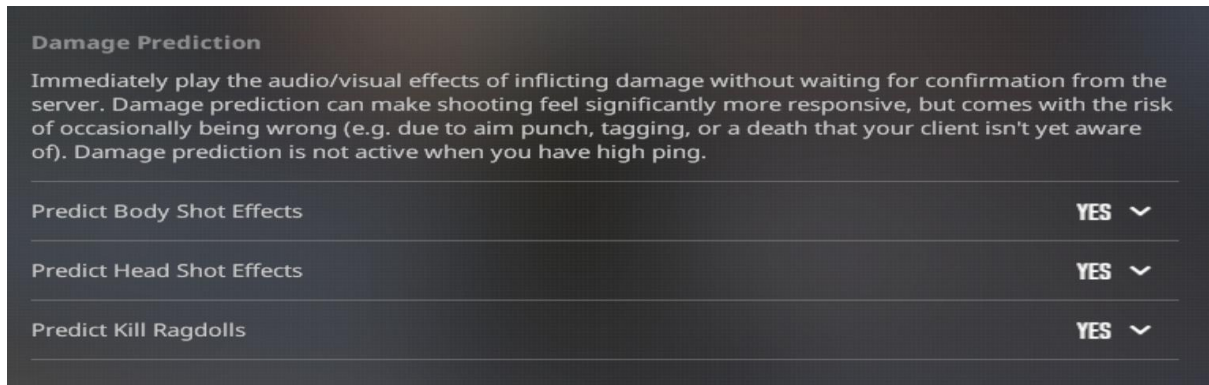


Please use this for further reference, information and tuning to your liking:

<https://x.com/ThourCS2/status/1959911437918216201>

Damage Prediction

YES to ALL



If you notice false headshots (very common), turn OFF headshot prediction.

Steam Launch Options

Use these:

-threads [n+1] -noreflex -mainthreadpriority 2

n being the number of cores your CPU I has.

My CPU has 8 cores, so I use:

-threads 9 -noreflex -mainthreadpriority 2

Post (big) update

Do the following for every (big) cs update

Verify integrity of game files

Right-click game on Steam,

Properties,

Installed Files,

Verify integrity of game files

Clear Shader Cache

Download DDU (Display Driver Uninstaller)

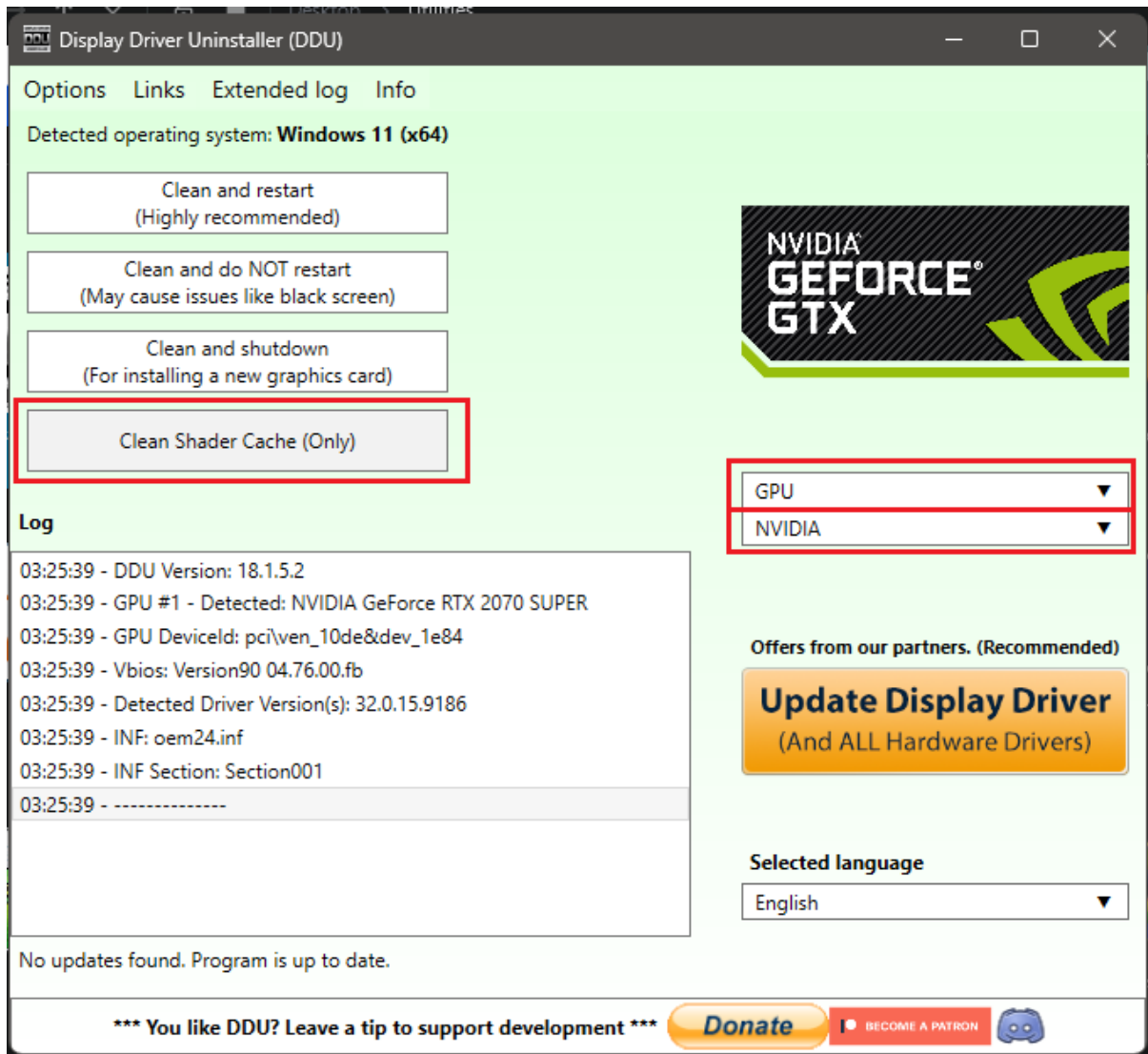
<https://www.guru3d.com/download/display-driver-uninstaller-download/>

Or

<https://www.wagnardsoft.com/display-driver-uninstaller-ddu>

Select **GPU**, Select **NVIDIA** (or whatever your GPU is)

Click on **“Clean Shader Cache (Only)”**

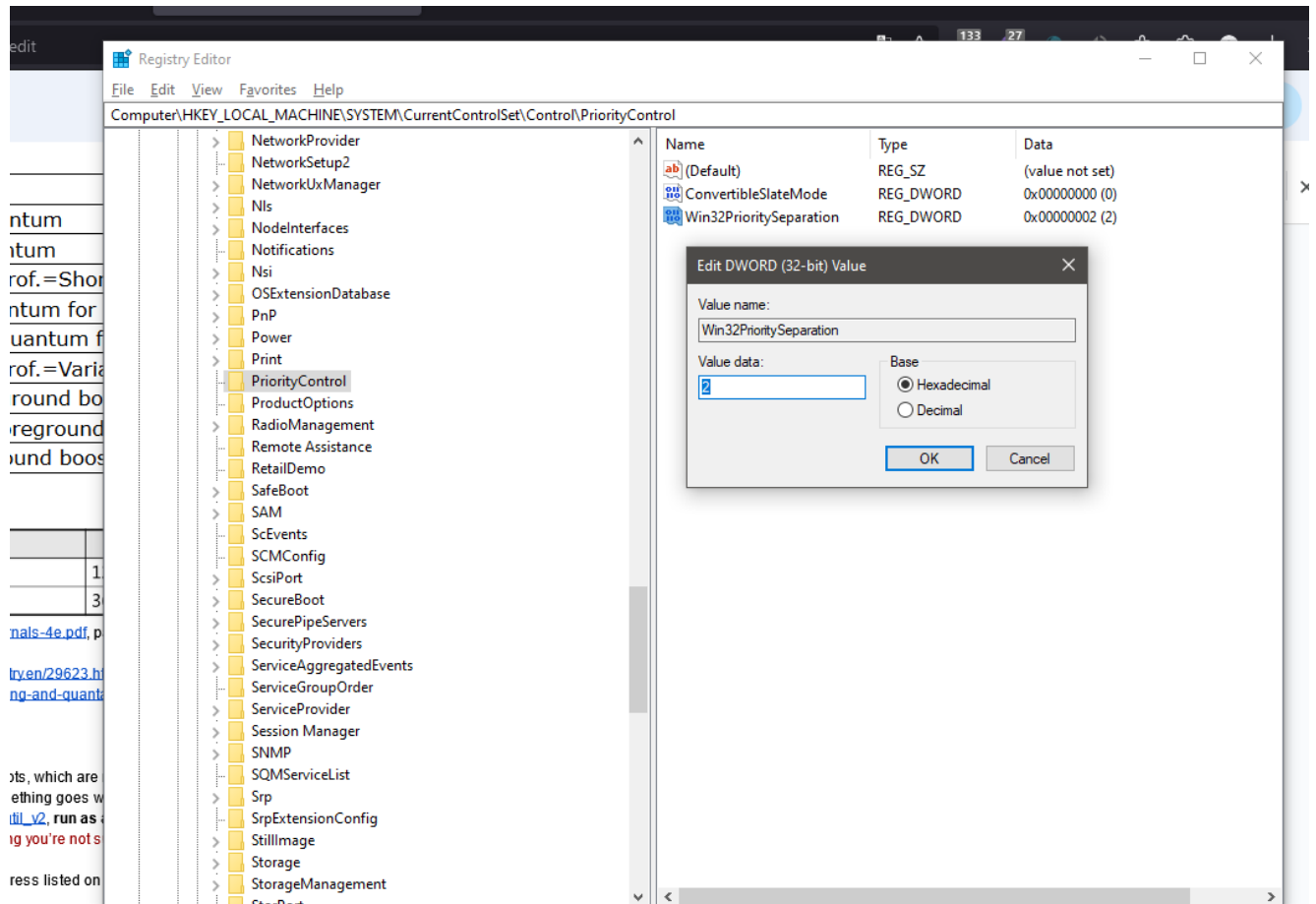


Extra

Registry priority control

Computer\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\PriorityControl\

Win32PrioritySeperation



16 steps for the updated driver
Device Manager → View → Resources by Connection

Codes:

2A Hex = Short, Fixed , High foreground boost.

29 Hex = Short, Fixed , Medium foreground boost.

28 Hex = Short, Fixed , No foreground boost.

26 Hex = Short, Variable , High foreground boost.

25 Hex = Short, Variable , Medium foreground boost.

24 Hex = Short, Variable , No foreground boost.

1A Hex = Long, Fixed, High foreground boost.

19 Hex = Long, Fixed, Medium foreground boost.

18 Hex = Long, Fixed, No foreground boost.

16 Hex = Long, Variable, High foreground boost.

15 Hex = Long, Variable, Medium foreground boost.

14 Hex = Long, Variable, No foreground boost.

Can try different combinations on the fly without restarting. I personally use 26.

Game Bar Registry

HKEY_CURRENT_USER\Software\Microsoft\GameBar

AllowAutoGameMode and **AutoGameModeEnabled** DWORDs

0 = Off

1 = On

HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\GameDVR

AppCaptureEnabled DWORD

0 = Off

1 = On

HKEY_CURRENT_USER\System\GameConfigStore

GameDVR_Enabled DWORD

0 = Off

1 = On

HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\GameDVR

AllowgameDVR DWORD

(delete) = Enable

0 = Disable

Computer\HKEY_CURRENT_USER\System\GameConfigStore

GameDVR_Enabled

0=disable

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PolicyManager\default\ApplicationManagement\AllowGameDVR

Value

0=disable

Power Plan

Paste in the following commands into Command Prompt again doing it one by one (ignore any errors, just go to the next command)

bcdedit /deletevalue useplatformclock

This makes the system use the platform clock for timekeeping instead of a different timer

bcdedit /set disabledynamictick yes

This disables a feature that adjusts the timer frequency

bcdedit /set useplatformtick yes

This removes a setting related to using the platform clock for timekeeping

Reboot your PC

Obsolete

ISLC

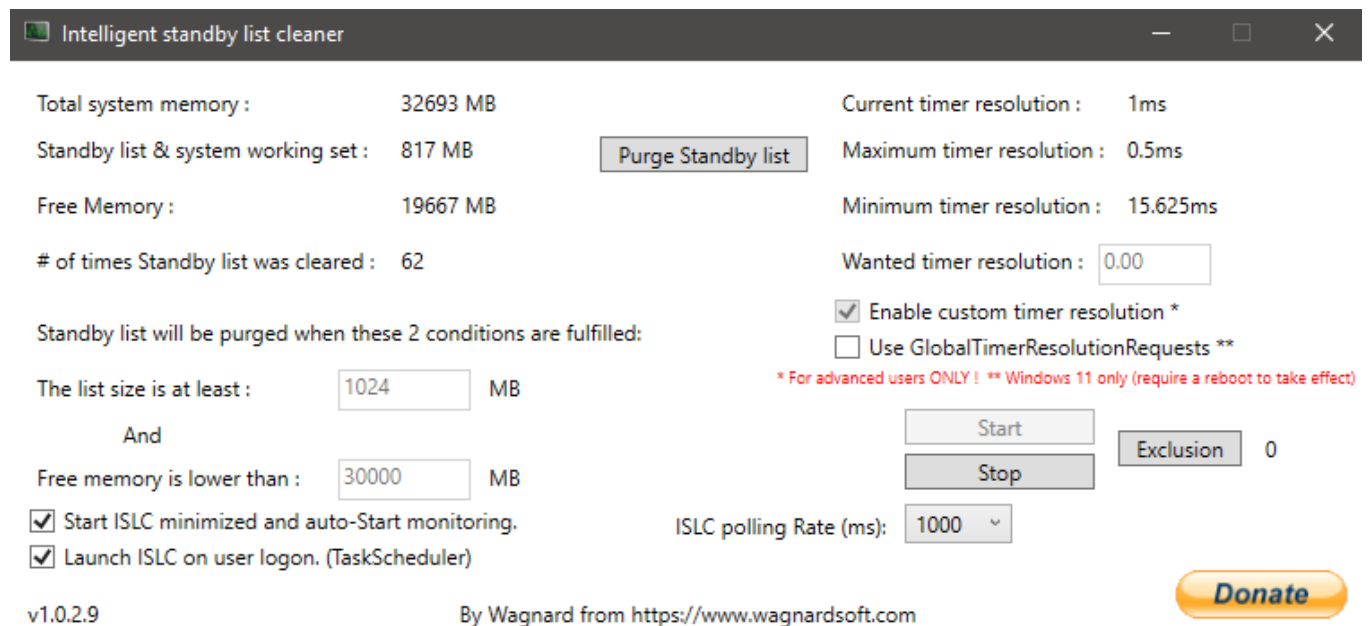
This might only help in these rare cases:

You have 8 GB RAM

You run many background apps and hit 90–95% RAM usage

You play older DX9/DX11 games with known standby-list issues (CS:GO, PUBG 2017 era)

For a modern system with 16–32 GB RAM on Windows 11, ISLC is basically placebo.



1. Download and install [ISLC](#) (ISLC cleans standby memory and forces the timer)
2. Copy the settings you see in the image below
3. Change the free memory is lower than to your desire
 1. If you have 32GB of ram, set it to 30000mb
 2. If you have 16GB of ram, set it to 15000mb
 3. Follow the pattern above to match your amount of RAM
4. Tick both boxes bottom left of ISLC
 1. Start ISLC minimized and auto-Start monitoring
 2. Launch ISLC on user logon. (TaskScheduler)
5. Set the Wanted timer resolution to 0.00 and press start
6. Tick Enable custom timer resolution
7. Tick Use GlobalTimerResolutionRequests **(ONLY if you are on windows 11).**

Download Link:

<https://www.wagnardsoft.com/forums/viewtopic.php?t=1256>

References

<https://fpsheaven.com/cs2-fps-optimization-guide/>

<https://wiki.refrag.gg/en/pc-optimization-increase-fps-csgo>

<https://www.tenforums.com/tutorials/75936-turn-off-game-mode-windows-10-a.html#option2>

<https://www.tenforums.com/tutorials/8637-turn-off-xbox-game-bar-windows-10-a.html#option2>

<https://www.tenforums.com/tutorials/51180-enable-disable-windows-game-recording-broadcasting-windows-10-a.html#option2>

<https://x.com/Calypto/status/1140760414264934400> > GOOGLE DOC: <https://t.co/K7Pb8CeA4D>

<https://youtu.be/mwUBeqHqSas?si=-HaSbiWc8FwIYb2F> >

<https://github.com/Raphire/Win11Debloat>

<https://www.tenforums.com/tutorials/25016-turn-off-search-online-include-web-results-windows-10-a-10.html>

<https://wiki.refrag.gg/en/pc-optimization-increase-fps-csgo>

<https://x.com/ZPostFacto/status/1842649648332488948>

<https://x.com/ThourCS2/status/1959911437918216201>

<https://help.ableton.com/hc/en-us/articles/115000211304-Using-the-High-performance-power-plan-Windows>

<https://www.youtube.com/watch?v=gjKTHhfoB8>