

Modeset=1 not detected

Eoef

Jul '22

I tried to set `nvidia-drm.modeset=1` . I added a line to `/etc/default/grub` to write that line but I think it isn't done.

I run `cat /proc/cmdline` and get:

```
BOOT_IMAGE=/boot/vmlinuz-linux-zen root=UUID=395df181-dfdb-4e8e-a66f-bd5c7f4cba4d rw loglevel=3
nowatchdog nvme_load=YES
```

I was following this to add it: <https://bbs.archlinux.org/viewtopic.php?id=257509> based on it, cat command should show it but it doesn't.

I use zen kernel with dkms nvidia drivers (proprietary).

✔

Solved by [Scotty_Trees](#) in [post #3](#)

Just to add what [@dalto](#) mentioned, this is what I did, with some help from the EndeavourOS wiki also here: START HERE FOR NVIDIA DRIVERS: <https://discovery.endeavouros.com/nvidia/nvidia-optional-enhancements-and-troubleshooting/2021/03/> To force nvidia-drm.modeset=1, by adding it to the grub.cfg ...

dalto

Jul '22

Can we see the contents of your `/etc/default/grub` ?

Also, you did, run `sudo grub-mkconfig -o /boot/grub/grub.cfg` and reboot after making the change, correct?

Scotty_Trees

Jul '22

Just to add what [@dalto](#) mentioned, this is what I did, with some help from the EndeavourOS wiki also here:

START HERE FOR NVIDIA DRIVERS:

<https://discovery.endeavouros.com/nvidia/nvidia-optional-enhancements-and-troubleshooting/2021/03/>

To force nvidia-drm.modeset=1, by adding it to the grub.cfg run the following:

```
sudo nano /etc/default/grub
```

Inside the Grub config, you'll add `nvidia-drm.modeset=1` to the GRUB_CMDLINE_LINUX_DEFAULT line. You may have other options within the quotes " " there too, leave them there and just add the modeset part either in the beginning or the end.

```
GRUB_DEFAULT=0

GRUB_TIMEOUT=5

GRUB_DISTRIBUTOR="EndeavourOS"

GRUB_CMDLINE_LINUX_DEFAULT="nvidia-drm.modeset=1 quiet loglevel=3 nowatchdog"

GRUB_CMDLINE_LINUX=""
```

save the file, ctrl+x, hit Y to save and rebuild the grub.cfg via the following command:

```
sudo grub-mkconfig -o /boot/grub/grub.cfg
```

Eoef

Jul '22

Ah, yes, another issue I forgot to mention:

```
/etc/default/grub: line 66: nvidia-drm.modeset=1: command not found
```

The command you posted says this. As for the content of the file, here it is:

You added `nvidia-drm.modeset=1` at the very bottom of your grub.cfg. Please delete that part and add it within the quotes of the line towards the top that is here in your file:

```
GRUB_CMDLINE_LINUX_DEFAULT="loglevel=3 nowatchdog nvme_load=YES"
```

So you're NEW line should look like this:

```
GRUB_CMDLINE_LINUX_DEFAULT="nvidia-drm.modeset=1 loglevel=3 nowatchdog nvme_load=YES"
```

Save it and exit. Then rebuild your grub via the following, then reboot and you should be good to go:

```
sudo grub-mkconfig -o /boot/grub/grub.cfg
```


Eoef Jul '22

Thank you so much!

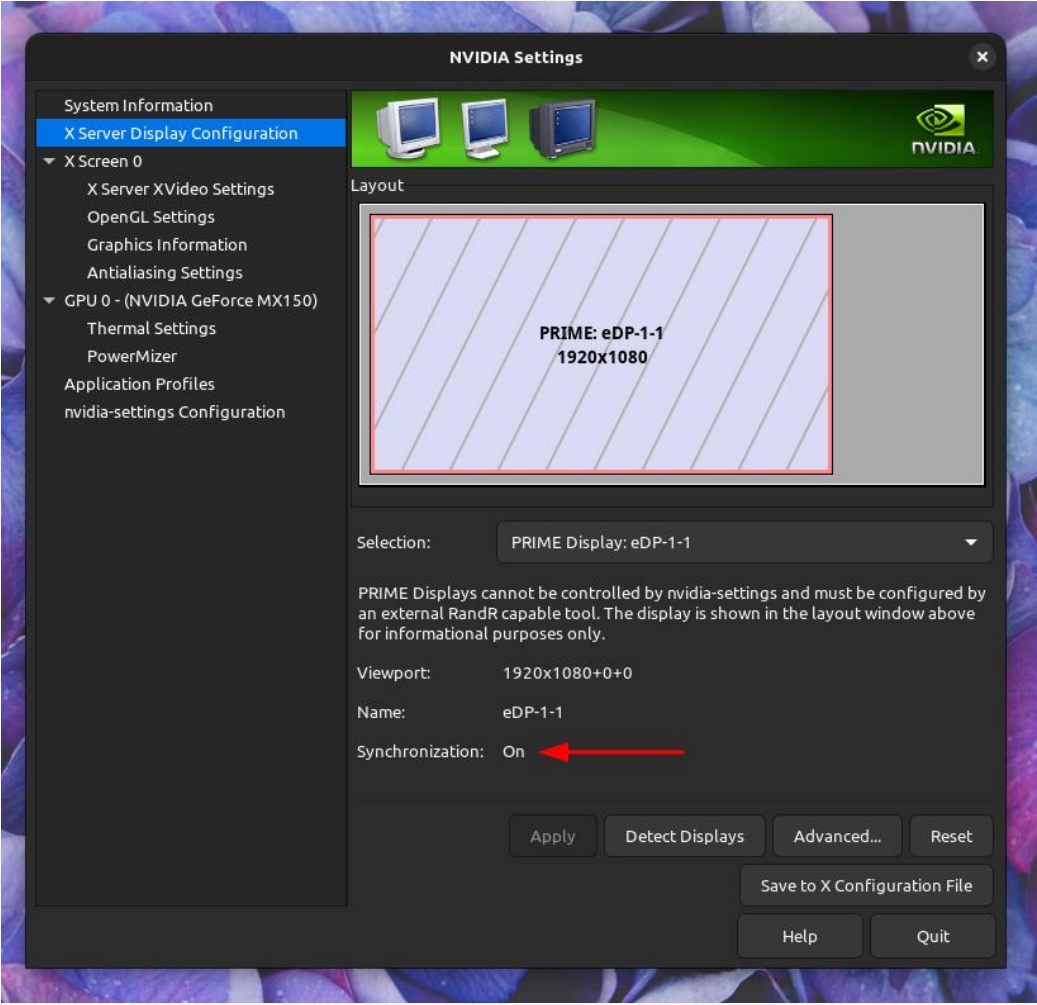
Eoef Jul '22

I have one very last question.

It works, but I want to ask if this is enough if I wanted force Vsync through the GPU.

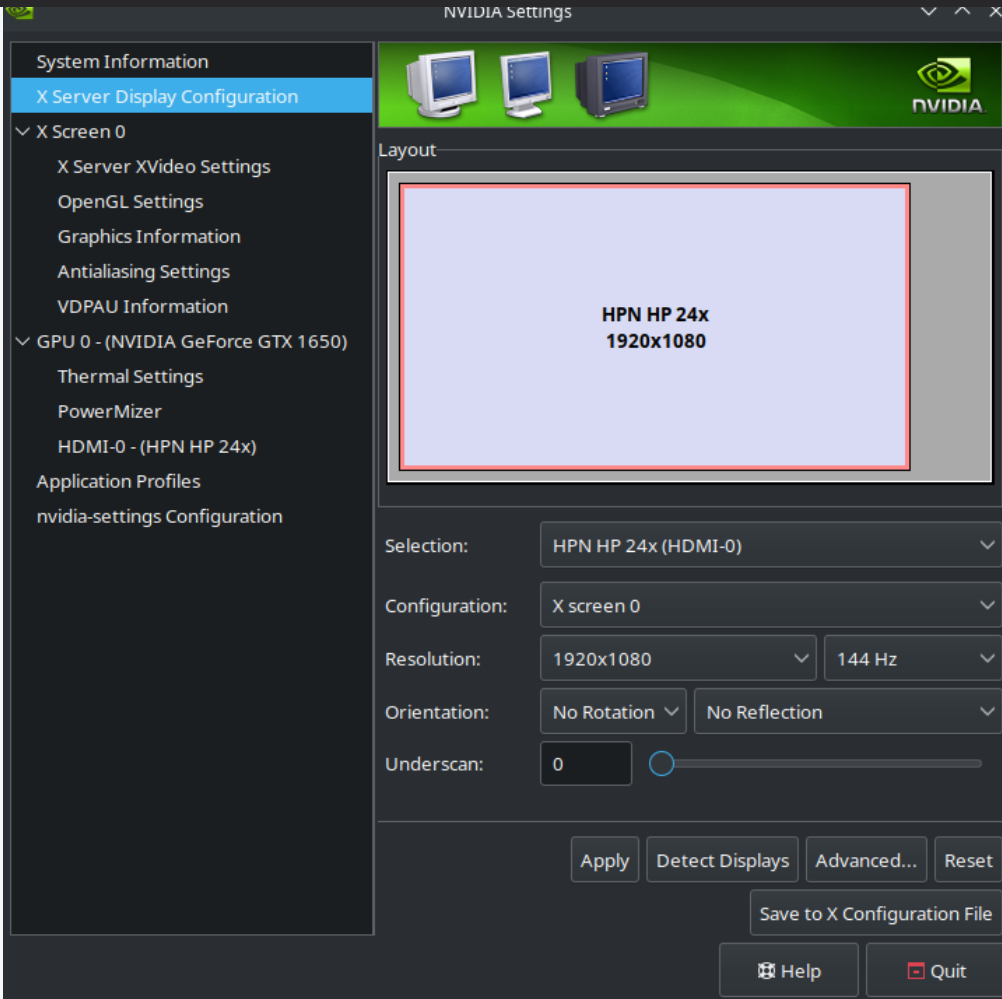
Scotty_Trees  Jul '22

You should have an application already installed called `nvidia-settings` (if not `sudo pacman -S nvidia-settings`), and when you open that to verify if synchronization is forced, check under the XServer tab and it should show that it is ON like mine does in the below screenshot:



Edit: if you have only one display, this will be enough. IF you have more than one display, you may have to run an additional step, just FYI.

Eoef Jul '22



There is no synchronization anywhere. Looking I found the Arch wiki pages of Prime and Optimus, which I don't even think what I'm looking for. I needed all this thread to force Vsync though my GPU panel because I have a low frame rate problem which fix is doing this.

Scotty_Trees 

Jul '22

Don't worry it's not spam to post about issues that you are having. I would create a new post with that specific issue and when you do make a new post also mention how you installed your Nvidia drivers and how you installed and set up Optimus manager because there are right and wrong ways to do it since Nvidia makes the whole process a pain. Always good to give as much information as you can when troubleshooting.

Closed on Aug 1, '22

This topic was automatically closed 2 days after the last reply. New replies are no longer allowed.