

1. x11-drivers/nvidia-drivers, media-libs/libva, media-video/libva-utils

```
eix -I# "nvidia-driver|libva|libva-utils"  
media-libs/libva  
media-video/libva-utils  
x11-drivers/nvidia-drivers
```

2. vainfo

```
vainfo  
Trying display: wayland  
libva info: VA-API version 1.22.0  
libva info: User environment variable requested driver 'nvidia'  
libva info: Trying to open /usr/lib64/va/drivers/nvidia_drv_video.so  
libva info: Found init function __vaDriverInit_1_0  
libva info: va_openDriver() returns 0  
vainfo: VA-API version: 1.22 (libva 2.22.0)  
vainfo: Driver version: VA-API NVDEC driver [direct backend]  
vainfo: Supported profile and entrypoints  
  VAProfileMPEG2Simple          : VAEntrypointVLD  
  VAProfileMPEG2Main           : VAEntrypointVLD  
  VAProfileVC1Simple           : VAEntrypointVLD  
  VAProfileVC1Main             : VAEntrypointVLD  
  VAProfileVC1Advanced         : VAEntrypointVLD  
  VAProfileH264Main            : VAEntrypointVLD  
  VAProfileH264High            : VAEntrypointVLD  
  VAProfileH264ConstrainedBaseline: VAEntrypointVLD  
  VAProfileHEVCMain            : VAEntrypointVLD  
  VAProfileVP8Version0_3       : VAEntrypointVLD  
  VAProfileVP9Profile0         : VAEntrypointVLD  
  VAProfileAV1Profile0         : VAEntrypointVLD  
  VAProfileHEVCMain10          : VAEntrypointVLD  
  VAProfileHEVCMain12          : VAEntrypointVLD  
  VAProfileVP9Profile2         : VAEntrypointVLD  
  VAProfileHEVCMain444         : VAEntrypointVLD  
  VAProfileHEVCMain444_10      : VAEntrypointVLD  
  VAProfileHEVCMain444_12      : VAEntrypointVLD
```

3. /etc/environment.d/12-nvidia.conf

```
LIBVA_DRIVER_NAME=nvidia  
MOZ_DISABLE_RDD_SANDBOX=1  
NVD_BACKEND=direct
```

4. Firefox about:config

- media.ffmpeg.vaapi.enabled → true
- media.hardware-video-decoding.force-enabled → true
- widget.dmabuf.force-enabled → true
- gfx.webrender.all → true

5. nvtop DEC, GPU, CPU .

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