

<https://blog.csdn.net/zwqjoy/article/details/99955309>

```
mkdir gpu
ls
cd gpu/
ls
cat /boot/grub2/grub.cfg |grep menuentry
yum localinstall kernel-*.rpm
cat /boot/grub2/grub.cfg |grep menuentry
cd /usr/src/kernels/
ls
cd 3.10.0-957.27.2.el7.x86_64/
ls
yum -y update
ls
cd ..
ls
cat /boot/grub2/grub.cfg |grep menuentry
uname -r
yum -y install kernel-devel kernel-headers
yum -y install kernel-devel "kernel-devel-uname-r == $(uname -r)" dkms
"kernel-devel-uname-r == $(uname -r)"
yum -y install kernel-devel "kernel-devel-uname-r == $(uname -r)" dkms
yum -y install kernel-devel "kernel-devel-uname-r == $(uname -r)" dkms "kernel-
devel-uname-r == $(uname -r)"
ls
cd gpu/
ls
cd /usr/src/kernels/
ls
uname -r
echo -e "blacklist nouveau\noptions nouveau modeset=0" >
/etc/modprobe.d/blacklist.conf
mv /boot/initramfs-$(uname -r).img /boot/initramfs-$(uname -r).img.bak
dracut /boot/initramfs-$(uname -r).img $(uname -r)
ls
shutdown -r now
ls
uname -r
ls
cd gpu/
ls
```

```
yum localinstall kernel-*.rpm
ls
cd /usr/src/kernels/
cd /usr/src/kernels/
ls
yum remove kernel-devel-3.10.0-1127.13.1.el7.x86_64
ls
uname -r
cat /boot/grub2/grub.cfg |grep menuentry
shutdown -r now
uname -r
ls
cd /usr/src/kernels/
ls
cd
ls
cd gpu/
ls
./NVIDIA-Linux-x86_64-410.129-diagnostic.run --kernel-source-
path=/usr/src/kernels/3.10.0-957.27.2.el7.x86_64 -no-x-check -no-nouveau-check -
no-opengl-files
chmod 777 NVIDIA-Linux-x86_64-410.129-diagnostic.run
./NVIDIA-Linux-x86_64-410.129-diagnostic.run --kernel-source-
path=/usr/src/kernels/3.10.0-957.27.2.el7.x86_64 -no-x-check -no-nouveau-check -
no-opengl-files
cat /etc/modprobe.d/blacklist.conf
uname -r
ls
uname -r
grub2-set-default "CentOS Linux (3.10.0-957.27.2.el7.x86_64) 7 (Core)"
uname -r
ls
shutdown -r now
uname -r
ls
cd gpu/
ls
./NVIDIA-Linux-x86_64-410.129-diagnostic.run --kernel-source-
path=/usr/src/kernels/3.10.0-957.27.2.el7.x86_64 -no-x-check -no-nouveau-check -
no-opengl-files
uname -r
ls
cd /usr/src/kernels/
ls
cat /usr/lib/modprobe.d/dist-blacklist.conf
ls
cat /etc/modprobe.d/blacklist.conf
```

```
echo "blacklist nouveau" >> /usr/lib/modprobe.d/dist-blacklist.conf
echo "options nouveau modeset=0" >> /usr/lib/modprobe.d/dist-blacklist.conf
cat /usr/lib/modprobe.d/dist-blacklist.conf
mv /boot/initramfs-$(uname -r).img /boot/initramfs-$(uname -r).img.bak
dracut /boot/initramfs-$(uname -r).img $(uname -r)
shutdown -r now
ls
cd gpu/
ls
./NVIDIA-Linux-x86_64-410.129-diagnostic.run --kernel-source-
path=/usr/src/kernels/3.10.0-957.27.2.el7.x86_64 -no-x-check -no-nouveau-check -
no-opengl-files
nvidia-smi
```