

Astra Linux Special Edition 1.7: NVidia

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- NVidia
- NVidia



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- Astra Linux Special Edition .10015-01 (1.7) (extended)
- Astra Linux Special Edition .10015-10 (extended)
- Astra Linux Special Edition .10015-17 (extended)
- Astra Linux Special Edition .10015-37 (7.7) (extended)

NVidia. NVidia (DKMS) Astra Linux Special Edition 1.7 (. Astra Linux Special Edition x.7: ,).



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Astra Linux,
, Astra Linux Special Edition.

() [. 7.2.1]. Docker- rootless-, () [. 7.2.1] [. 7.2.7] .

NVidia

1. /etc/X11/xorg.conf:

```
rm /etc/X11/xorg.conf
dpkg-reconfigure xserver-xorg
```

2. Nouveau, /etc/modprobe.d/blacklist.conf



blacklist nouveau
options nouveau modeset=0

/etc/initramfs-tools/modules nouveau modeset=1



#nouveau modeset=1

```
update-initramfs -u -k all
```

:

```
echo blacklist nouveau >> /etc/modprobe.d/blacklist.conf
echo options nouveau modeset=0 >> /etc/modprobe.d/blacklist.conf
sed -i -e "s/^[[:space:]]*nouveau[[:space:]]*\+modeset[[:space:]]*=[[:space:]]*1/#nouveau modeset=1/" /etc/initramfs-tools/modules
update-initramfs -u -k all
```

3. .

NVidia

NVidia:

1. :

- a. ;
- b. ;
- c. ;

2. :

```
sudo apt update
```

3. :

```
apt policy ^nvidia-driver
```

4. nvidia-detect . (- 495):

```
sudo apt install nvidia-detect-495
```

.

5. nvidia-detect :

```
nvidia-detect
```

6. :

```
sudo apt install nvidia-driver-<_>
```

Nvidia

Nvidia Nouveau :

1. /etc/X11/xorg.conf;

```
rm /etc/X11/xorg.conf
dpkg-reconfigure xserver-xorg
```

2. Nvidia:

```
apt remove --purge --yes --force-yes nvidia*
apt remove --purge --yes --force-yes libnvidia*
apt remove --purge --yes --force-yes xserver-xorg-video-n*
for nvdeb in `dpkg -l | grep nvidia`; do
    apt remove --purge --yes --force-yes $nvdeb
done
```

3. GL mesa :

```
apt install --reinstall --yes --force-yes xserver-xorg-core libgl1
libgl1-mesa-dri libgl1-mesa-glx libglapi-mesa libgles2 libgles2-mesa
libglew2.0 libglewmx1.13 libglu1-mesa libglvnd0 libglx-mesa0 libglx0
```

4. Nvidia:

```
for nvdriver in `find /lib/modules -type f -name "nvidia*"`; do
    echo "$nvdriver"
```

```
mv -f $nvdriver ${nvdriver}-${$-backup}
done
depmod -a
```

5. () /etc/modprobe.d/blacklist.conf, Nouveau:

```
i # blacklist nouveau
# options nouveau modeset=0
```

6. /etc/initramfs-tools/modules

```
i nouveau modeset=1
```

```
update-initramfs -u -k all
```

7. .

```
i Nvidia Nvidia astra-nvidia, .
```