

# VirtualBox

- - [Oracle VirtualBox](#)
  - [Debian](#)
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- [USB- -](#)
- - "VM -> -> "
  - "Kernel driver not installed (rc=-1908)"
  - "VBoxNetAdpCtl: Error while adding new interface: failed to open.dev/vboxnetctl: No such file or directory"



- Astra Linux Special Edition .10015-01 ( 1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 ( 7.7)
- Astra Linux Special Edition .10015-03 ( 7.6)
- Astra Linux Special Edition .10015-01 ( 1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Common Edition 2.12



VirtualBox (Oracle VM VirtualBox) — Microsoft Windows, Linux, FreeBSD[5], macOS, Solaris/OpenSolaris, ReactOS, DOS

VirtualBox web- [https://www.virtualbox.org/wiki/Linux\\_Downloads](https://www.virtualbox.org/wiki/Linux_Downloads). Astra Linux , Debian (. [Astra Linux Special Edition](#)).

VirtualBox (extension pack). VirtualBox;

:

- Oracle VirtualBox;
- Debian;
- .

## Oracle VirtualBox

- ca-certificates, :

```
sudo apt install ca-certificates
```

- Oracle VirtualBox:

```
wget https://www.virtualbox.org/download/oracle_vbox_2016.asc -O - |
sudo apt-key add
```

- VirtualBox (. [Astra Linux](#) ):

- Astra Linux Special Edition .10015-01 ( 1.7):

```
deb [arch=amd64] https://download.virtualbox.org/virtualbox/debian buster contrib
```

- Astra Linux Special Edition .10015-01 ( 1.6):

```
deb [arch=amd64] https://download.virtualbox.org/virtualbox/debian stretch contrib
```

- , libvp4 ( Astra Linux Special Edition 1.6) libvp5 ( Astra Linux Special Edition 1.7):

```
sudo apt update
apt-cache policy libvp*
```

,:

- :

```
wget http://ftp.ru.debian.org/debian/pool/main/libv/libvpx/
libvpx5_1.7.0-3+deb10u1_amd64.deb
```

◦ :

```
sudo apt install ./libvpx5_1.7.0-3+deb10u1_amd64.deb
```

◦ Debian:

- Astra Linux Special Edition .10015-01 ( 1.7):

```
deb https://deb.debian.org/debian/ buster main
```

- Astra Linux Special Edition .10015-01 ( 1.6):

```
deb https://archive.debian.org/debian/ stretch main
```

• apt:

◦ :

```
sudo apt update
```

◦ VirtualBox:

```
apt-cache policy virtualbox*
```

◦ virtualbox, virtualbox-6.1:

```
sudo apt install virtualbox-6.1
```

## Debian



Debian virtualbox 5.4. (5.4.0.54, 5.4.0.71) . 5.4 :

```
sudo apt purge linux-image-5.4.0-71-generic
sudo apt purge linux-image-5.4.0-54-generic
```

:

• Debian ( . [Astra Linux](#) ):

- Astra Linux Special Edition .10015-01 ( 1.7) - ;
- Astra Linux Special Edition .10015-01 ( 1.6):

```
deb https://archive.debian.org/debian/ stretch-backports contrib
deb https://archive.debian.org/debian/ stretch main
```

• :

```
sudo apt update
```

:

```
W:      .      . GPG: https://archive.debian.org/debian stretch-backports InRelease:      ,      :  
NO_PUBKEY 04EE7237B7D453EC NO_PUBKEY 648ACFD622F3D138  
W:      .      . GPG: https://archive.debian.org/debian stretch Release:      ,      : NO_PUBKEY  
7638D0442B90D010 NO_PUBKEY 04EE7237B7D453EC NO_PUBKEY EF0F382A1A7B6500
```

```
sudo apt install debian-archive-keyring
```

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys  
04EE7237B7D453EC  
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys  
648ACFD622F3D138  
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys  
7638D0442B90D010  
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys  
04EE7237B7D453EC  
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys  
EF0F382A1A7B6500
```

- apt, :

```
sudo apt install virtualbox-7.0
```

- Astra Linux Special Edition .10015-01 ( 1.6) Astra Linux Special Edition .10015-16 . 1:
  - ( );
  - ca-certificates ( ):

```
sudo apt install ca-certificates
```

- libvpx\*, Debian:
  - Astra Linux Special Edition .10015-01 ( 1.7):

```
wget http://ftp.de.debian.org/debian/pool/main/libv/libvpx  
/libvpx5_1.7.0-3+deb10u1_amd64.deb
```

- Astra Linux Special Edition .10015-01 ( 1.6):

```
wget http://ftp.de.debian.org/debian/pool/main/libv/libvpx  
/libvpx4_1.6.1-3+deb9u2_amd64.deb
```

- :
  - Astra Linux Special Edition 1.7 Debian 10 : [https://www.virtualbox.org/wiki/Linux\\_Downloads](https://www.virtualbox.org/wiki/Linux_Downloads):
  - Astra Linux Special Edition 1.6 Astra Linux Common Edition Debian 9 [https://www.virtualbox.org/wiki/Download\\_Old\\_Builds\\_6\\_1](https://www.virtualbox.org/wiki/Download_Old_Builds_6_1);
- apt :

```
sudo apt install ./<__VirtualBox>
```

```
sudo apt install ./<____VirtualBox> ./libvpx*_amd64.deb
```

:

```
N: Download is performed unsandboxed as root as file '/tmp/tmp.yKiAwHtLXZ/virtualbox-6.1_6.1.26-145957~Debian~stretch_amd64.deb' couldn't be accessed by user '_apt'. - pkgAcquire::Run (13:  )
```

(. "Download is performed unsandboxed as root as file..." apt).

## VirtualBox Extension Pack

VirtualBox Extension Pack : [https://www.virtualbox.org/wiki/Download\\_Old\\_Builds\\_6\\_1](https://www.virtualbox.org/wiki/Download_Old_Builds_6_1).

:

1. :

```
wget https://download.virtualbox.org/virtualbox/6.1.48/Oracle_VM_VirtualBox_Extension_Pack-6.1.48.vbox-extpack
```

2. :

```
sudo VBoxManage extpack install Oracle_VM_VirtualBox_Extension_Pack-6.1.48.vbox-extpack
```

. [Astra Linux](#)

## USB- -

, , , USB-, - (.. " "), vboxusers.

" VM -> -> "

:

~/config/Trolltech.conf [Qt] :

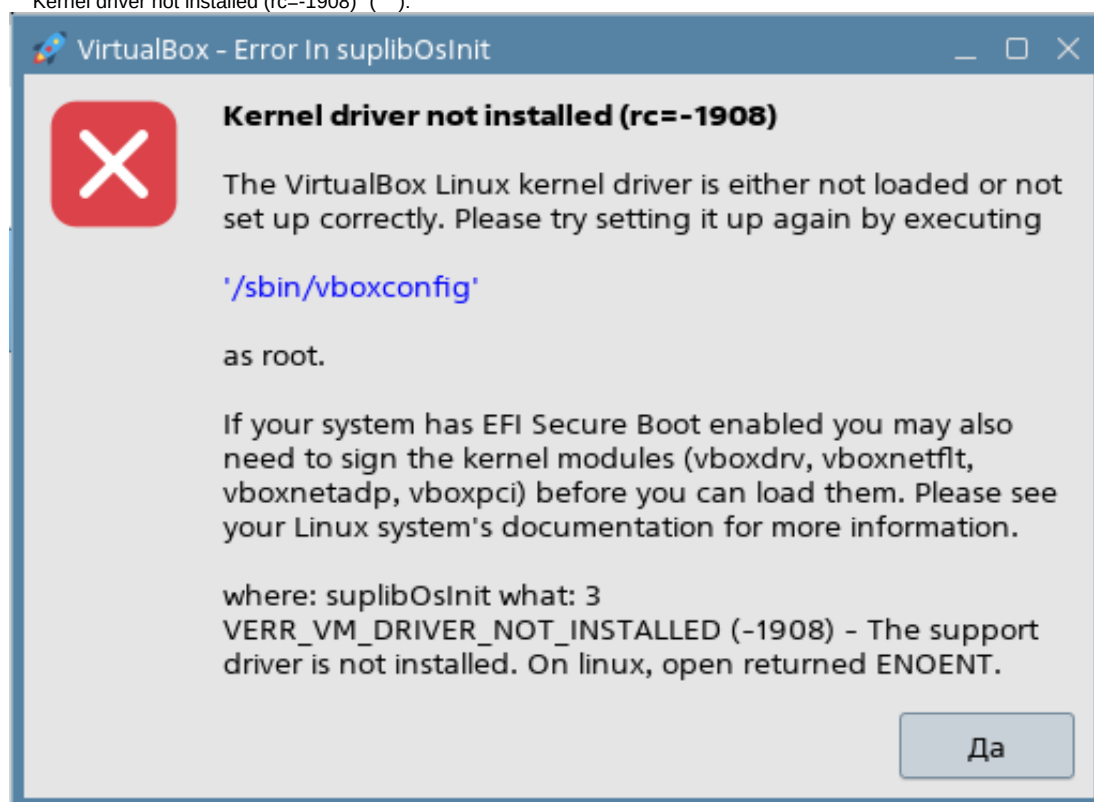
~/config/Trolltech.conf

fileDialog\useNative=false

VirtualBox.

"Kernel driver not installed (rc=-1908)"

"Kernel driver not installed (rc=-1908)" ( ):



1. ( Astra Linux Special Edition 1.6 — ).
2. gcc, make perl:

```
sudo apt install gcc make perl
```

3. :

```
sudo /sbin/vboxconfig
```

4. :

```
sudo modprobe vboxdrv
```

"VBoxNetAdpCtl: Error while adding new interface: failed to open.dev/vboxnetctl: No such file or directory"

"VBoxNetAdpCtl: Error while adding new interface: failed to open.dev/vboxnetctl: No such file or directory". VirtualBox Linux (vboxdrv) :

```
sudo modprobe vboxdrv
```

```
sudo apt update  
sudo apt install --reinstall linux-headers-$(uname -r) virtualbox-dkms dkms
```

```
sudo modprobe vboxdrv
```

, Secure Boot BIOS/UEFI