

Astra Linux Special Edition 1.3

- multitouch "-12"
- Intel
- Intel i40e
- Intel igb
- BROTHER HL-1110R
- Broadcom BCM57840S
- Qualcomm Atheros Bigfoot Killer E2200 Ethernet
- wl.ko Wireless BCM4352
- wl.ko Wireless broadcom
- tg3 broadcom
- r8168 Realtek 8168xx
- hid-multitouch touchscreen
- e1000e
- D-Link DGE-560T

multitouch "-12"

"-12", multitouch .

:

```
dpkg -i hid-multitouch-driver-smolensk1.3-c410.b981.signed.deb
```

Intel

Intel, .

:

/lib/modules/3.2.0-27-generic/kernel/drivers/gpu/drm/i915/

:

```
mv /lib/modules/3.2.0-27-generic/kernel/drivers/gpu/drm/i915/i915.ko /lib/modules/3.2.0-27-generic/kernel/drivers/gpu/drm/i915/i915.ko.bak
```

Intel i40e

Intel® Network Adapter Driver PCIE 40 Ethernet

[driver-i40e-generic_3.2.0-27.astra1.5.18_amd64.deb](#)

Intel igb

Intel 82575-6, 82580, I350, I210, I211
Intel Corporation Device [8086:1533] (rev 03)

[driver-igb-generic_3.2.0-27.astra5.3.5.3_amd64_signed.deb](#)

[igb-5.3.5.3.tar.gz](#)

BROTHER HL-1110R

! . . Astra Linux, .

© ..

:
«Windows». , , , Astra Linux Special Edition .10015-01 (1.3).

«Brother HL-1110» «Astra Linux Special Edition 1.3» :

1. ;
2. i386;
3. , 32-;
4. ;
5. .

1. .

http://support.brother.com/g/b/downloadlist.aspx?c=ru&lang=ru&prod=hl1110r_eu&os=128&flang=English ,
– «LPR printer driver (deb package)» «CUPSwrapper printer driver (deb package)». « ».
. 3.

3. Check if pre-required procedures are completed For Debian/Ubuntu 64bit

, , - «ia32-libs» «lib32stdc++». (.4).

2. i386.

i386, « (i386) (amd64)» .
i386, :

1. « Fly»;
2. «dpkg --add-architecture i386» «Enter» ();
, , 32- , «LPR printer driver (deb package)» .

3. , 32- .

, «ia32-libs», .
, , :

1. libgcc1_4.7.2-5_amd64.deb;
2. libc-bin_2.13-38+deb7u8_amd64.deb;
3. gcc-4.7-base_4.7.2-5_amd64.deb;
4. libc6_2.13-38+deb7u8_amd64.deb;
5. libc6-i386_2.13-38+deb7u8_amd64.deb.

<https://packages.debian.org/>, «Debian Wheezy» «amd64».

4. .

, , («Brother») .
, «Brother» :

1. libgcc1_4.7.2-5_amd64.deb;
2. libc-bin_2.13-38+deb7u8_amd64.deb;
3. gcc-4.7-base_4.7.2-5_amd64.deb;
4. libc6_2.13-38+deb7u8_amd64.deb;
5. libc6-i386_2.13-38+deb7u8_amd64.deb;
6. ia32-libs_20120102_amd64.deb;
7. hl1110lpr-3.0.1-1.i386.deb;
8. hl1110cupswrapper-3.0.1-1.i386.deb.
« Fly», «cd Desktop» «Enter», «cd Brother» («cd __») «Enter».

, .
«dpkg -i *.deb» «Enter».
« Fly» «» «HL-1110».

5. .

(), . , «». (,).

- 1) «», «»;
- 2) « », «» (, »);
- 3) , «» «Brother_HL-1110_series», «Brother_HL-1110_series», «»;
- 4) «...» «»;
- 5) «Brother» «HL-1110 for CUPS» (,), «»;
- 6) , , «» «ppd».
- 7) «».

« Fly» «» «Brother_HL-1110_series», . «Brother_HL-1110_series», « ». 5-7 .
!

: 32- 4 . , .

Broadcom BCM57840S

ASUS RS720-E7-RS24-EG
[bnx2x.tgz](#)
:

```
depmod -a
update-initramfs -u -t
```

Qualcomm Atheros Bigfoot Killer E2200 Ethernet

DellmAlienware 18.

[alx](#)
[compat](#)

You will need to install a few packages

Code:

```
sudo apt-get install build-essential linux-headers
```

You will need to download the compat-wireless-2012-05-10-p tarball from here: <http://linuxwireless.org/download/co...5-10-p.tar.bz2>

And download the attached compat-patch.txt.

Untar the tarball into a convenient location, and apply the patch making sure to use the --dry-run option to make sure there are no errors.

Code:

```
tar -xvf /path/to/compat-wireless-2012-05-10-p.tar.bz2
cd ./compat-wireless-2012-05-10-p.tar.bz2
patch --dry-run -p2 < /path/to/compat-patch.txt
patch -p2 < /path/to/compat-patch.txt
```

Now make and assuming no errors arise, install the package.

Code:

```
make
sudo make install
```

Now test that the module works by inserting it into the running kernel.

Code:

```
sudo modprobe alx
```

Your ethernet card should be discovered, and assuming you have the ethernet plugged into a working jack with dhcp, you should become connected to ethernet.

[compat-wireless-2012-05-10-p.tar.bz2](#)
[compat-patch.txt](#)

wl.ko Wireless BCM4352

DellmAlienware 18.

BCM4352.

[wl.ko](#)
[hybrid-v35_64-nodebug-pcoem-6_30_223_141.tar.gz](#)

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Process:

```
cd
mkdir b43b1-6.30.223.141
wget http://www.broadcom.com/docs/linux_sta/hybrid-v35_64-nodebug-pcoem-6_30_223_141.tar.gz
tar xzvf hybrid-v35_64-nodebug-pcoem-6_30_223_141.tar.gz -C b43b1-6.30.223.141
cd b43b1-6.30.223.141
touch dkms.conf
pico dkms.conf o gedit dkms.conf
```

Paste this (without lines) :

```
PACKAGE_NAME="b43b1"
PACKAGE_VERSION="6.30.223.141"
CLEAN="make clean"
MAKE="make"
BUILT_MODULE_NAME="wl"
BUILT_MODULE_LOCATION="."
DEST_MODULE_LOCATION="/updates"
```

save and exit

```
cd ..
sudo mv b43b1-6.30.223.141 /usr/src/b43b1-6.30.223.141
cd /usr/src/b43b1-6.30.223.141
sudo dkms add -m b43b1 -v 6.30.223.141
sudo dkms build -m b43b1 -v 6.30.223.141
sudo rmmod wl
sudo dkms install -m b43b1 -v 6.30.223.141
sudo modprobe wl
```

Reboot computer

Add module wl in /etc/modules to load it at boot time if it doesn't work at reboot.

Enjoy ;)

wl.ko Wireless broadcom

bcm43142 2.4 Ghz 0x14e4 0x4365.

[README_6.30.223.248.txt](#)
[broadcom.com](#)

tg3 broadcom

AT-2711FX.

r8168 Realtek 8168xx

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BRTL8168B/8111B,
RTL8168B/8111B,
RTL8168B/8111B,
RTL8168C/8111C,
RTL8168C/8111C,
RTL8168C/8111C,
RTL8168CP/8111CP,
RTL8168CP/8111CP,
RTL8168D/8111D,
RTL8168D/8111D,
RTL8168DP/8111DP,
RTL8168DP/8111DP,
RTL8168DP/8111DP,
RTL8168E/8111E,
RTL8168E/8111E,
RTL8168E-VL/8111E-VL,
RTL8168E-VL/8111E-VL,
RTL8168F/8111F,
RTL8168F/8111F,
RTL8411,
RTL8168G/8111G,
RTL8168G/8111G,
RTL8168EP/8111EP,
RTL8168GU/8111GU,
RTL8168GU/8111GU,
RTL8411B,
RTL8168EP/8111EP,
RTL8168EP/8111EP,
RTL8168H/8111H,
RTL8168H/8111H,

:

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hid-multitouch touchscreen

EGALAX 0eef:7200, " 10" P-Cap Panel Mount Panel PC".
,

```
dpkg -i hid-multitouch-driver-smolensk-1.3-0eef.7200.deb
```

[hid-multitouch-driver-smolensk-1.3-0eef.7200.deb](#)

e1000e

[e1000e-3.3.5.10-astra-smolensk-1.3-amd64.deb](#)

D-Link DGE-560T

D-Link DGE-560T, .

:

/lib/modules/3.2.0-27-generic/kernel/drivers/net/ethernet/realtek/

:

mv /lib/modules/3.2.0-27-generic/kernel/drivers/net/ethernet/realtek/r8169.ko /lib/modules/3.2.0-27-generic/kernel
/drivers/net/ethernet/realtek/r8169.ko.bak