

# Astra Linux Special Edition 1.3

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- Intel i40e
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- BROTHER HL-1110R
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- Qualcomm Atheros Bigfoot Killer E2200 Ethernet
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- 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](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**

:

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,

:  
  
:

**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