



4.3" LTS NEAT Cape Support

This is a 4.3" LCD cape that plugs to beagle bone black. We have submitted our pull request for dtbo support after release of Debian 8.4, thus you will need to follow these instructions if you are running 8.4 or older.

Purchase – sold by Arrow, link coming soon

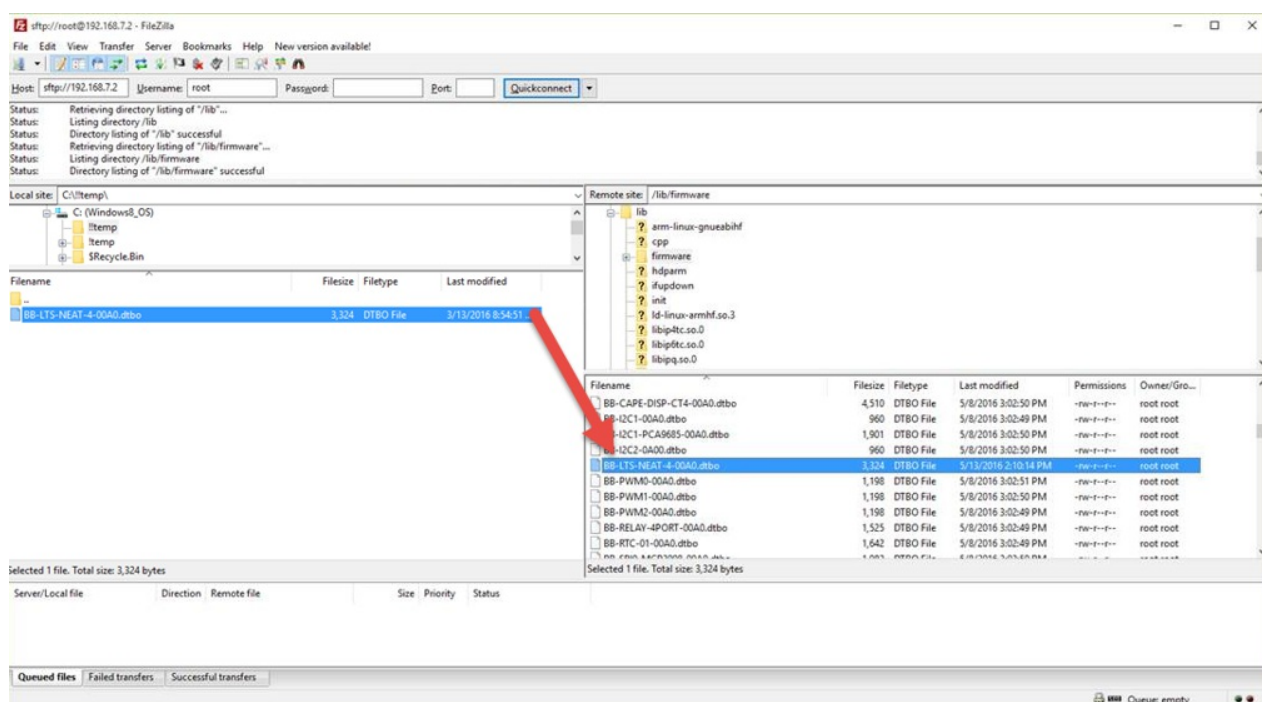
[Latest Firmware Images here.](#)

[Download BB-LTS-NEAT-4-00A0.dtbo](#)

Power on.

Attach USB cable.

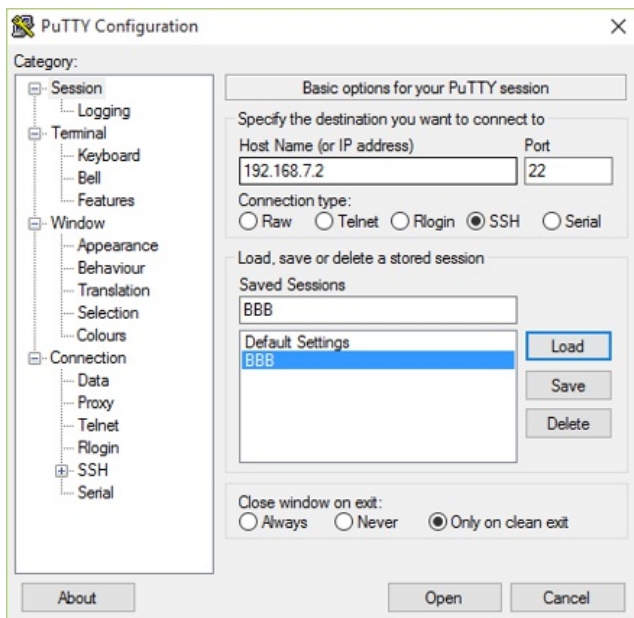
Open up Filezilla to place BB-LTS-NEAT-4-00A0.dtbo into /lib/firmware

The screenshot shows the FileZilla interface with the local site at C:\temp and the remote site at /lib/firmware. The file BB-LTS-NEAT-4-00A0.dtbo (3,324 bytes, DTBO File) is selected in the local site pane. A red arrow points to the same file in the remote site pane, which is also selected. The status bar at the bottom indicates that 1 file (3,324 bytes) has been successfully transferred.

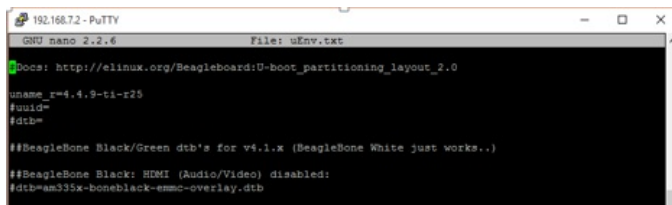
Filename	Filesize	Filetype	Last modified	Permissions	Owner/Group
BB-LTS-NEAT-4-00A0.dtbo	3,324	DTBO File	5/13/2016 3:10:14 PM	-rwxr-xr-x	root root
BB-CAPE-DISP-CT4-00A0.dtbo	4,510	DTBO File	5/8/2016 3:02:50 PM	-rwxr-xr-x	root root
BB-I2C1-00A0.dtbo	960	DTBO File	5/8/2016 3:02:49 PM	-rwxr-xr-x	root root
BB-I2C1-PCA9685-00A0.dtbo	1,901	DTBO File	5/8/2016 3:02:50 PM	-rwxr-xr-x	root root
BB-I2C2-00A0.dtbo	960	DTBO File	5/8/2016 3:02:50 PM	-rwxr-xr-x	root root
BB-PWM0-00A0.dtbo	1,198	DTBO File	5/8/2016 3:02:51 PM	-rwxr-xr-x	root root
BB-PWM1-00A0.dtbo	1,198	DTBO File	5/8/2016 3:02:50 PM	-rwxr-xr-x	root root
BB-PWM2-00A0.dtbo	1,198	DTBO File	5/8/2016 3:02:49 PM	-rwxr-xr-x	root root
BB-RELAY-4PORT-00A0.dtbo	1,525	DTBO File	5/8/2016 3:02:49 PM	-rwxr-xr-x	root root
BB-RTC-01-00A0.dtbo	1,642	DTBO File	5/8/2016 3:02:49 PM	-rwxr-xr-x	root root

Putty into device and turn off HDMI and update ramfs



```
# nano /boot/uEnv.txt
```

Remove the # next to dtb=am335x-boneblack-emmc-overlay.dtb remove HDMI



Exit, save changes.

```
# /opt/scripts/tools/developers/update_initrd.sh
```

```
# reboot
```

You will see the display when it powers back up.

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