

# Radxa Linux

Download image and Linux\_Upgrade\_Tool\_v1.21

```
# format  
sudo upgrade_tool lf  
  
# upload image  
sudo upgrade_tool uf rock_pro_rabian_150725_2ce6708_nand.img
```

## custom rabian

- <http://radxa.com/Rabian/develop>
- <https://github.com/radxa/rabian-build>

```
apt-get install qemu binfmt-support qemu-user-static  
sudo apt-get install git-core flex bison build-essential gcc-arm-linux-  
gnueabihf libncurses5-dev zlib1g-dev sharutils lzop
```

```
sudo ln -s /usr/bin/arm-linux-gnueabihf-gcc /usr/bin/arm-linux-gcc
```

All'interno di rock-bsp

nel Makefile di rock-bsp/Makefile

```
KERNEL_SRC=/lab/radxa/linux-next
```

- make kernel-config - configure the linux kernel“
- make uboot - compile uboot“
- make kernel - compile kernel“
- make ramdisk - prepare initrd.img“
- make rootfs - prepare rootfs“
- make boot.img - prepare linux-boot.img“
- make nand.img - generate nand.img“
- make sdcard.img - generate sdcard.img“

write image to nand

```
# optionally make format  
# sudo upgrade_tool lf  
  
sudo upgrade_tool uf /lab/radxa/rabian-build/160527/rock-  
bsp/boards/rock_pro/rockdev/rock_pro_rabian_rock_pro_160529_30273dc_nand.img
```

From:  
<https://wiki.csgalileo.org/> - **Galileo Labs**



Permanent link:  
<https://wiki.csgalileo.org/tips/radxa/linux?rev=1464520419>

Last update: **2016/05/29 13:13**