

# 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-
glibc libncurses5-dev zlib1g-dev sharutils lzop
```

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
```

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