



Install Linux or Hardened Android Roms on a Smartphone

OnePlus 3 A3000

Version: **OnePlus 3T**

- <https://oneplus.gadgethacks.com/how-to/root-your-oneplus-3-3t-install-twrp-recovery-0176588/>
- <https://devices.ubuntu-touch.io/device/oneplus3/>
- <https://lineageosroms.com/oneplus3/>
-  <https://grapheneos.org/>
-  <https://doc.e.foundation/devices/oneplus3>
- <https://calyxos.org/>

Xiaomi Mi A1 (tissot)

- <https://doc.e.foundation/devices/tissot/install>
- <https://xiaomistockrom.com/xiaomi-mi-a1>
- <http://api.en.miui.com/url/unlock>
- **Bootloop after burn stock rom**
<https://forum.xda-developers.com/t/solved-mi-a1-bootloop.3973131/>

OnePlus2

- <https://lineageosroms.com/oneplus2/#installing-a-custom-recovery-using-fastboot>
- https://www.reddit.com/r/LineageOS/comments/8ujxup/oneplus_2_no_lte_after_update/
- <https://forum.xda-developers.com/t/rom-ota-oxygen-os-mirrors-for-official-oxygen-os-roms-and-ota-updates.3209863/#post-62973446>

References

- <https://tuxphones.com/>

Tricks

- screenrecord is an internal Android executable that dumps screen to a file, and ffmpeg from
ffmpeg happens to be able to play an H.264 encoded stream from stdin
<https://android.stackexchange.com/questions/7686/is-there-a-way-to-see-the-devices-screen-live-on-pc-through-adb>

- `adb exec-out screenrecord --size 500x800 --output-format=h264 - | ffplay -framerate 60 -probesize 32 -sync video -`
- <https://android.stackexchange.com/questions/144966/how-do-i-get-my-device-detected-by-adb-on-linux>

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