



Why bother?

- Free and open source, [AOSP](#), F-Droid, [microG](#),...
- Privacy, spyware, ad-blocking,...
- Bloatware, performance, memory,...
- Higher android version, permacomputing.

Anonymity

App stores

[Aurora store](#) - anon

[F-droid](#) - FOSS app store

[Neo store](#) - update & default repos (IzzyOnDroid)

[Obtainium](#) - Directly From the Source

[Open store](#) - ubuntu touch

[PWA](#)

Blacklisting same apps

Apps and alternatives

Playstore -> [Aurora Store](#)

Chrome -> Firefox foxus / Fennec [FFUpdater](#)

Google search -> [SearXNG](#), [LibreX](#), DDG

Maps -> [Organic maps](#) or [OsmAnd](#)

Youtube -> [NewPipe](#), [FreeTube](#)

Drive -> [Syncthing](#), [RCX](#)

Office -> [LibreOffice & OpenOffice](#)

Mail -> [K-9 Mail](#) / [Fairmail](#)

Music/Video -> [VLC](#)

Reddit -> [Geddit](#) (no API directly)

Wikipedia -> [Wiki Unblocked](#)

[DNS66](#) - DNS-Based Host Blocking (ad block)

[UntrackMe](#) - cleaning urls and redirecting like LibRedirect Extension

-> [Full FOSS app list](#)

Operating systems (Custom ROMs)

- [LineageOS](#)
- [LineageOS for microG](#)
- [DivestOS](#) -> soft fork on LinageOS
- [crDroid](#) -> customized fork on LinageOS
- [DotOS](#)
- [Paranoid android](#)
- [ProjectElixirOS](#)
- [evolutionX](#)
- [/e/os/](#) -> partialy FOSS
- [GrapheneOS](#) -> only for pixel phones
- [Calyxos](#) -> pixels & fairphone
- [PixelExp](#) -> OS like google pixel

Linux phone OS

- [PostmarketOS](#) - [wiki devices](#)
- [Droidian](#)
- [Mobian](#)
- [Ubuntu touch](#)
- [Kali Nethunter](#)

-> [Linux phones list](#)

Prioritize for

- Unlockable
- Device is supported (TWRP and OS)
- Supports microG
- Last updated
- Highest android version
- Bootloader relocking

!!! ATENTION !!! Device can be bricked!

- Check if unlockable, has TWRP and OS version listed
- Backup your data
- Full battery and work while charging
- Enable `Allow OEM unlocking` under `Developer options` in Settings if available
- Check many sources and people's experience
- Tripple check everything
- [Unlock bootloader](#) (data wipe)

Custom recovery software

- [TWRP wiki](#)
- [Orange fox](#)

Recovery boot shortcut != fastboot shortcut

Name	Model	SoC	Codename
Samsung Galaxy S4	GT-I9505	Snapdragon	jfltexx
Samsung Galaxy S7	SM-G935F	Exynos	hero2lte

My exp

Samsung -> [Odin](#)- [jOdin](#), [heimdall](#) -> s4, s7 & s8

Xiomi -> SIM + xiomi acc, win app -> 7d approval (insta wipe) -> Redmi Note 7 & 8T

LG -> [Not supported anymore](#), [Exiting the smartphone business](#) -> G6

LineageOS, crDroidOS, divestOS, dotOS, /e/OS, pixelExpirance

Flash from microSD

Usefull links

Reddit subs

- [DeGoogle](#)
- [FossDroid](#)
- [LineageOS/ DivestOS](#)
- [Tuxphones](#)

Phones

- [Pinephone](#)
- [Librem 5](#)
- [Fairphone](#)
- [F\(x\)tec](#)
- [Volla Phone](#)
- [Shiftphone](#)

Guides

- [XDA Forums](#)
- [adb-tools](#)
- [New to FossDroid](#)
- [Gofoss free your phone](#)

Check OS and device

- [List of custom Android distributions](#)
- [Linux Phone: All Options Compared](#)
- [Can My Phone Run Linux?](#)

Other

- [Screen copy_\(scrcpy\)](#)
- [Open source hardware](#)
- [KDE Plasma Mobile 6 Porting](#)
- [Gnome sneak peak 2022](#)