Hacking on the Fairphone 2
About Fairphone

Mission to create and improve the mobile phone industry one step at the time.
About Fairphone

“If you can’t open it, you don’t own it”
Fairphone 2 hardware overview
Samsung 32 GB eMMC NAND Flash

Qualcomm WCN3680B Wi-Fi 802.11ac Bluetooth
2 GB LPDDR3 RAM/MSM8974

RF7389EU Multimode Multiband Power Amplifier

PM8841

Qualcomm QFE1100 Envelope Tracking PM

WTR1625L RF

Source https://www.ifixit.com/
Debug connector

expansion port
Fairphone OS with GMS

- PRIVACY IMPACT NONE
  - What does this mean?

- PRIVACY IMPACT LOW
  - What does this mean?

- PRIVACY IMPACT MEDIUM
  - What does this mean?

- PRIVACY IMPACT HIGH
  - What does this mean?
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Build Instructions

Let's get started on creating your very own Fairphone OS build! As Fairphone OS is largely based on the Android Open Source Project, the steps to build are quite similar to building AOSP. So you might find the resources on the AOSP website helpful.
Fairphone 2 OS Alternatives

Sailfish OS/Jolla
Fairphone 2 OS Alternatives

B2G/Firefox OS
Fairphone 2 extension/expansion port

Specs & Charging
-USB 2.0 (500 mA)
-Charging
Fairphone 2 extension port

validation “hardware”

https://github.com/keesj/fp2_extension_sample/
https://forum.fairphone.com/t/led-backcover-on-the-fairphone-2/11409/6
Why

Ownership
Transparency
Longevity
What Next

- Offering user installable builds
- Work on alternative services
- Work on more open & secure hardware
- Combine Fair & Open Source
- Split software and hardware lifecycle
- Join US
Contact

Freenode #fairphone
forum.fairphone.com