



T2linux: Linux on 2018+ Intel Macs

T2linux team





Introductions

- Woohyun Cho (NoaHimesaka1873): Arch Linux maintainer
- Mark Vainomaa (mikroskeem): ex-NixOS maintainer
- networkException: Wiki maintainer



Your PC vs T2 Mac

- Apple T2 is a security chip incorporated in 2018+ Macs
- Controls most of Mac's hardware including SSD, camera, microphone, etc
- Based on Apple A10
- Drivers only for macOS and Windows, no official support for Linux



Picture of Apple T2



How we made it work

- We have to deal with mostly undocumented chip
- Windows driver is available for reverse engineering
- Early efforts from aunali1, rodarunner2, McMrARM, enabling basic keyboard, mouse, and Touch Bar support
- T2linux community was created in 2019
- Wi-Fi supported was added around 2020
- Most of the hardware works, but we're far from perfect



Demo

(pay attention to the screen)



Thank you!

