Install Ubuntu 16 on the Pixel

This guide will show you how to setup Ubuntu Linux on your Chromebook Pixel without flashing your BIOS.

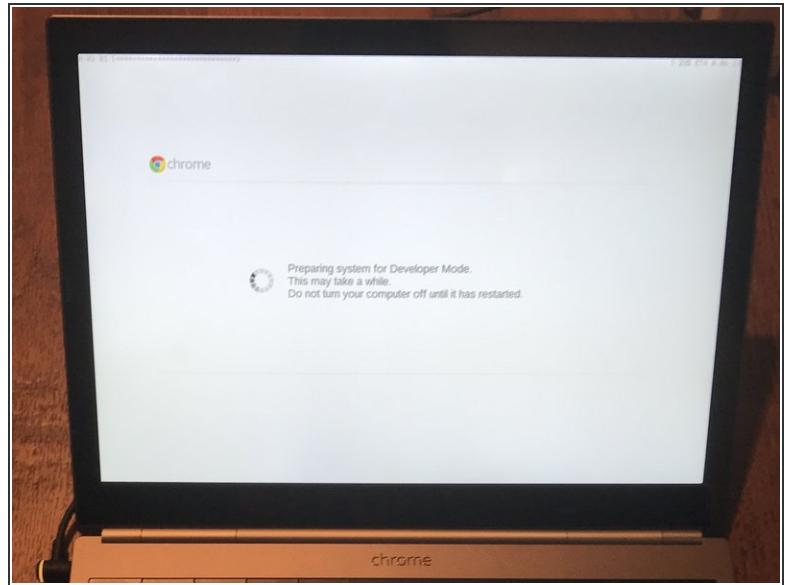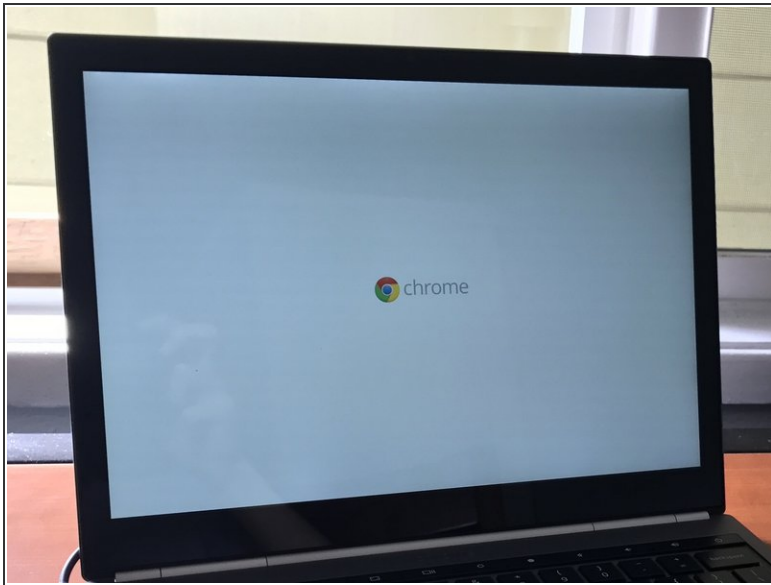Written By: Kevin Fessler

This document was generated on 2020-11-23 05:36:43 AM (MST).

INTRODUCTION

This guide will show you how to setup Ubuntu Linux on your Chromebook Pixel without flashing your BIOS.

A word on flashing...

You may choose to remove the Write-Protect screw and tinker with the BIOS or flash it in the future. Note that I am **not** responsible for any mishaps that may arise from that.
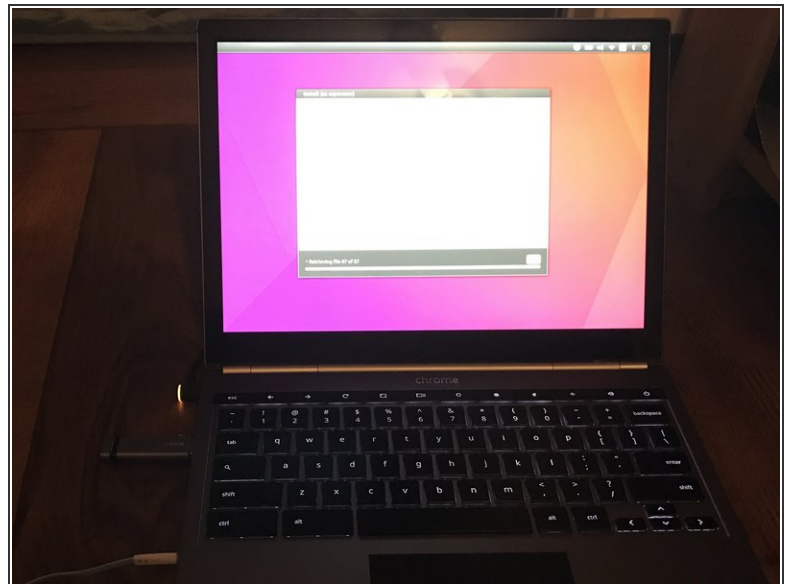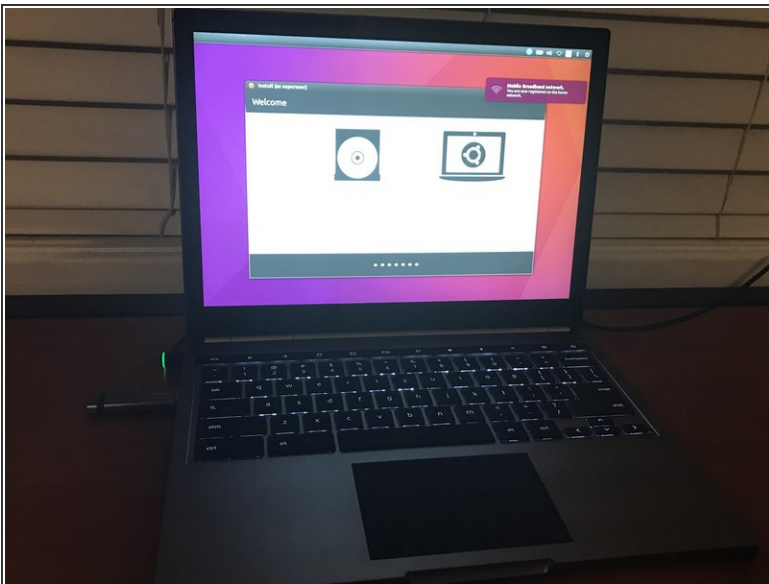
Step 1 — Enable stuff!

- Enable Developer Mode/Legacy Boot

- As mentioned before, you **don't** need to flash your BIOS, we'll just use the stock SeaBIOS.
  - This means you'll have to press "crtl" + "L" on each boot

- It'll take some time so grab a coffee while you're waiting...

www.iFixit.com

Step 2 — Boot up Ubuntu

- Unlike the Windows installation, you don't need a USB keyboard or mouse to boot the OS

- **Select** your USB installer drive on startup

- You should get the Ubuntu startup screen

Step 3

- I highly recommend you connect to Wi-Fi before you continue to get all the necessary drivers
  - The Wi-Fi card is automatically detected on boot
- Just step through the installer like you would with any other distro

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Step 4 — Reboot

- Remove your installation media and reboot when prompted by Ubuntu

- On startup, login to your account and setup your hotkeys to enable volume (mute, decrease, increase).

- Display brightness can be fixed by setting up a custom keymapping:
  - sudo apt-get install xdotool
    - name: Brightness Up command: xdotool key XF86MonBrightnessUp
    - name: Brightness Down command: xdotool key XF86MonBrightnessDown

You're done! If you ever want to get back to ChromeOS just create a recovery drive in your Chrome browser and enable secure boot at the Pixel startup.