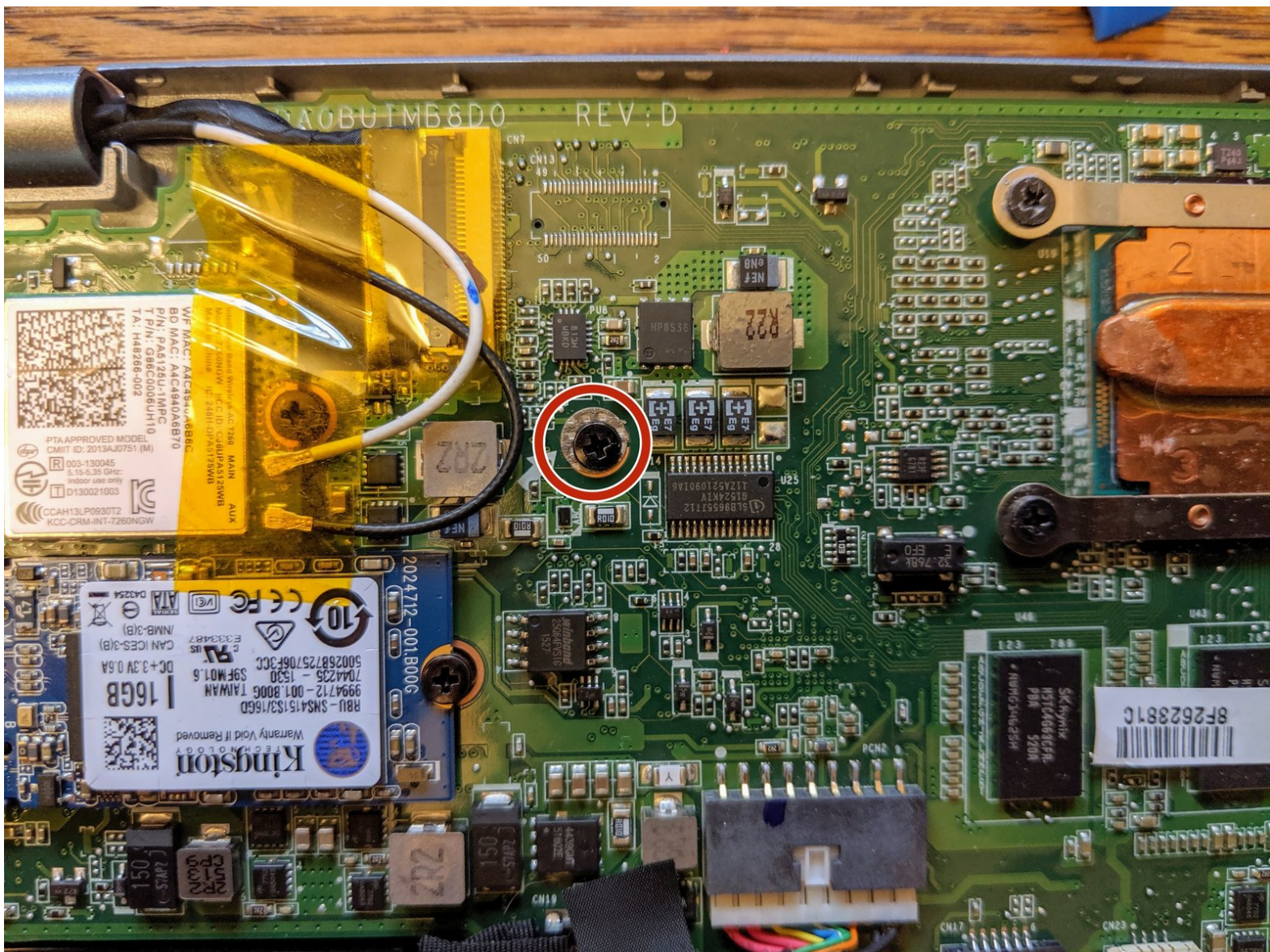




Install CloudReady (or other OS) on Toshiba Chromebook 2 (CB35-C3300)

Install a version of Chrome OS that will keep your Toshiba Chromebook 2 getting updates past the June 2021 end-of-life, or install any OS you prefer.

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INTRODUCTION

The Toshiba Chromebook 2 will [stop getting Chrome OS updates in summer of 2021](#) (depending on which version you own). If you want to keep using your Chromebook but be able to get OS and security updates, you can install [CloudReady Home Edition](#), which is based on Chrome OS but works on non-Chromebook hardware—and also out-of-date Chromebooks.

You can also use this guide to install [Windows](#), Ubuntu, or any other OS that you believe might work (i.e. not Mac OS). Just replace the CloudReady installer with a USB installer of your choice.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [USB Flash Drive](#) (1)
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Step 1 — Back Cover



- Remove the 2 rubber foot pads from the bottom (opposite the hinge) with the small Plastic Opening tool.

Step 2



- Remove the 10 7.1 mm screws using Phillips #1 screwdriver.

Step 3



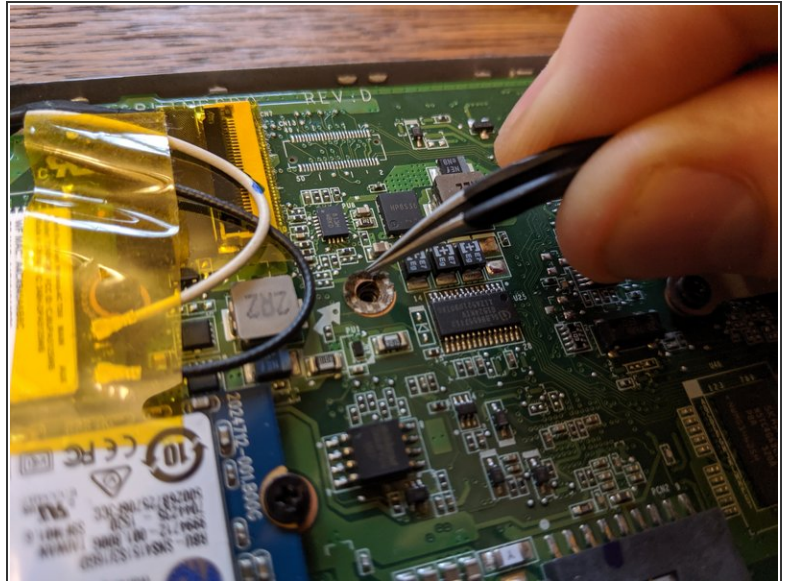
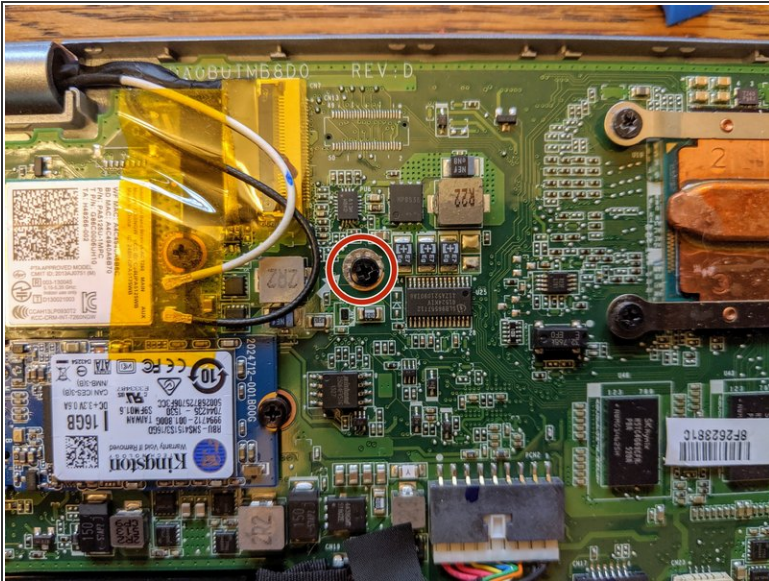
- Loosen the back cover by using a plastic opening tool all the way around the device.
- ⓘ There are areas all along the sides of the device that help aid in this.
- ⚠ Be careful when prying, and go slow. The silver plastic frame around the dull gray plastic bottom is fragile and easily dented from prying pressure.

Step 4



- Remove the back cover by gently lifting up on one side of the device.
- ⓘ The easiest side to lift up on is the one with the removed rubber foot pads.

Step 5 — Locate and Remove Write Protect Screw



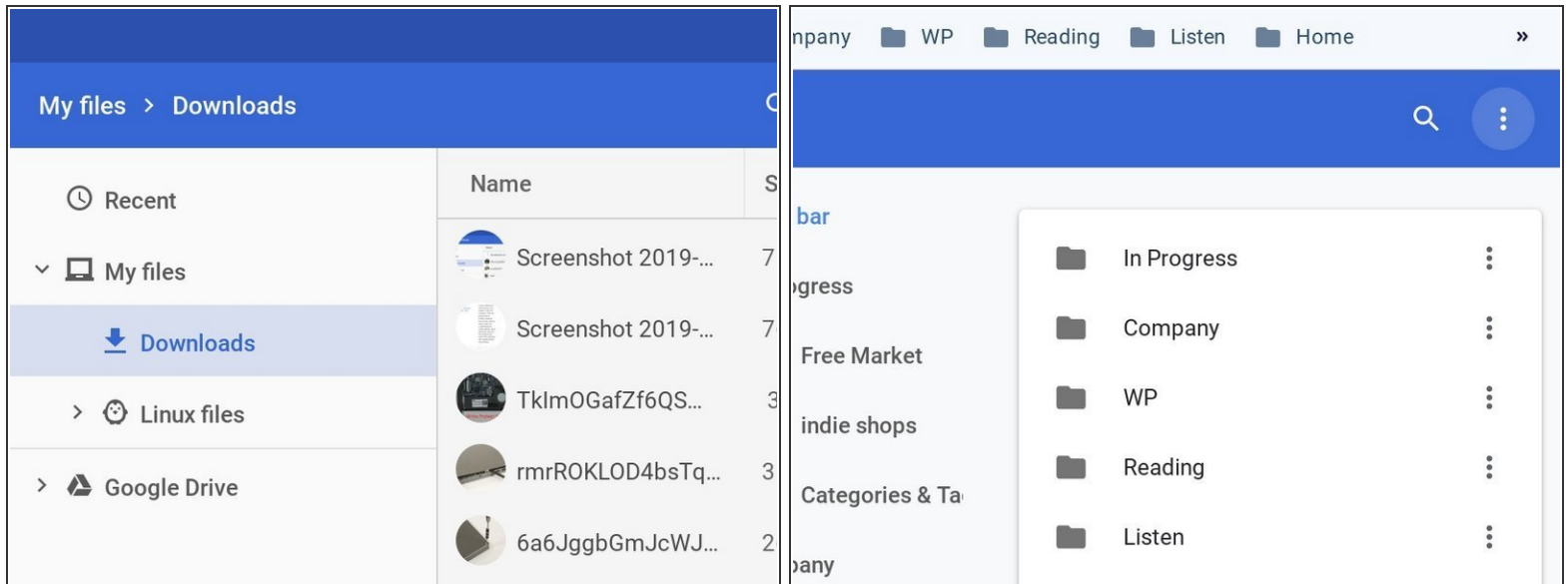
- The write-protect screw is on the main logic board, just above the center (with the hinge at the top). It is to the right of the yellow-taped cables, to the left of the heatsink, and has copper-colored tape around its base.
- Remove the 3.6mm screw with a Phillips #1 screwdriver.
- Using tweezers, gently poke at the copper-colored tape around the base of the write-protect screw. Once enough is peeled up to get a grip, gently pull the sticker up and out.

Step 6 — Replace Cover



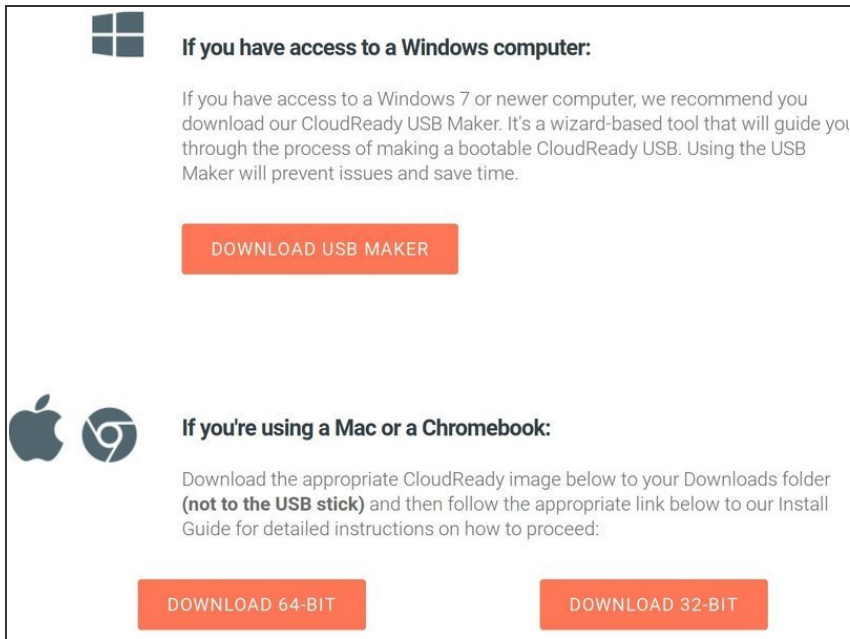
- Replace the cover on your Chromebook 2, working backwards from Step 4 to Step 1.

Step 7 — Back Up Any Important Files or Bookmarks



- The next step will wipe the Chromebook. If you have any files in your Downloads folder that you might want to hold onto, now is the time to upload them to Google Drive, or offload them onto a USB stick.
- If you haven't enabled bookmark syncing in your Google account, you can back up your toolbar bookmarks by heading to the Bookmark Manager (Ctrl+Shift+O, or from the browser's three-dot menu, or right-clicking on the bookmark toolbar). Once in the bookmark manager, click that three-dot button in the upper-right, then choose Export Bookmarks.

Step 8 — Make a CloudReady USB Installer



The screenshot shows the CloudReady website's instructions for creating a USB installer. It is divided into two main sections: one for Windows computers and one for Macs or Chromebooks. The Windows section features a Windows logo and a 'DOWNLOAD USB MAKER' button. The Mac/Chromebook section features Apple and Chrome logos, instructions to download the appropriate image to the Downloads folder (not to the USB stick), and two buttons: 'DOWNLOAD 64-BIT' and 'DOWNLOAD 32-BIT'.

If you have access to a Windows computer:

If you have access to a Windows 7 or newer computer, we recommend you download our CloudReady USB Maker. It's a wizard-based tool that will guide you through the process of making a bootable CloudReady USB. Using the USB Maker will prevent issues and save time.

[DOWNLOAD USB MAKER](#)

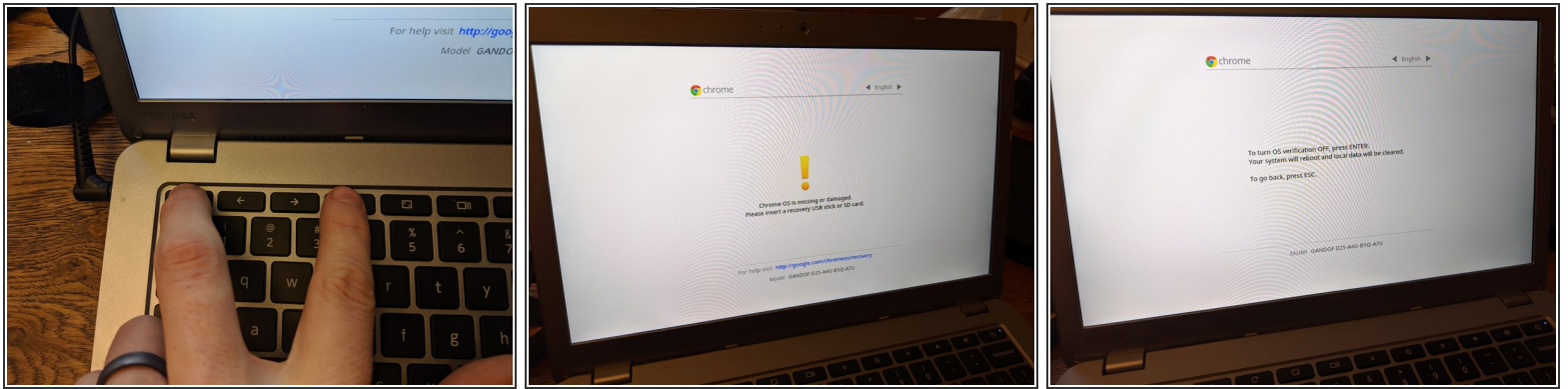
If you're using a Mac or a Chromebook:

Download the appropriate CloudReady image below to your Downloads folder (**not to the USB stick**) and then follow the appropriate link below to our Install Guide for detailed instructions on how to proceed:

[DOWNLOAD 64-BIT](#) [DOWNLOAD 32-BIT](#)

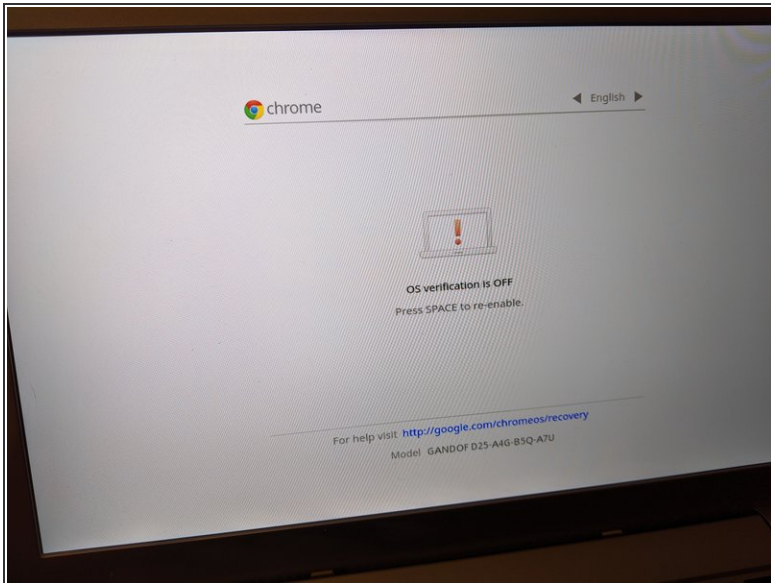
- Head to [CloudReady's page for the Home Edition](#) and follow the instructions to turn a USB drive (8 GB or more) into a CloudReady installer.
- It's easiest to make the USB installer on a Windows device, but you can also use a Mac, or this pre-wiped Chromebook, to make the installer.
- If something goes wrong trying to use one USB drive, try another. They're more finicky than you'd expect for being "universal."

Step 9 — Enter Developer Mode



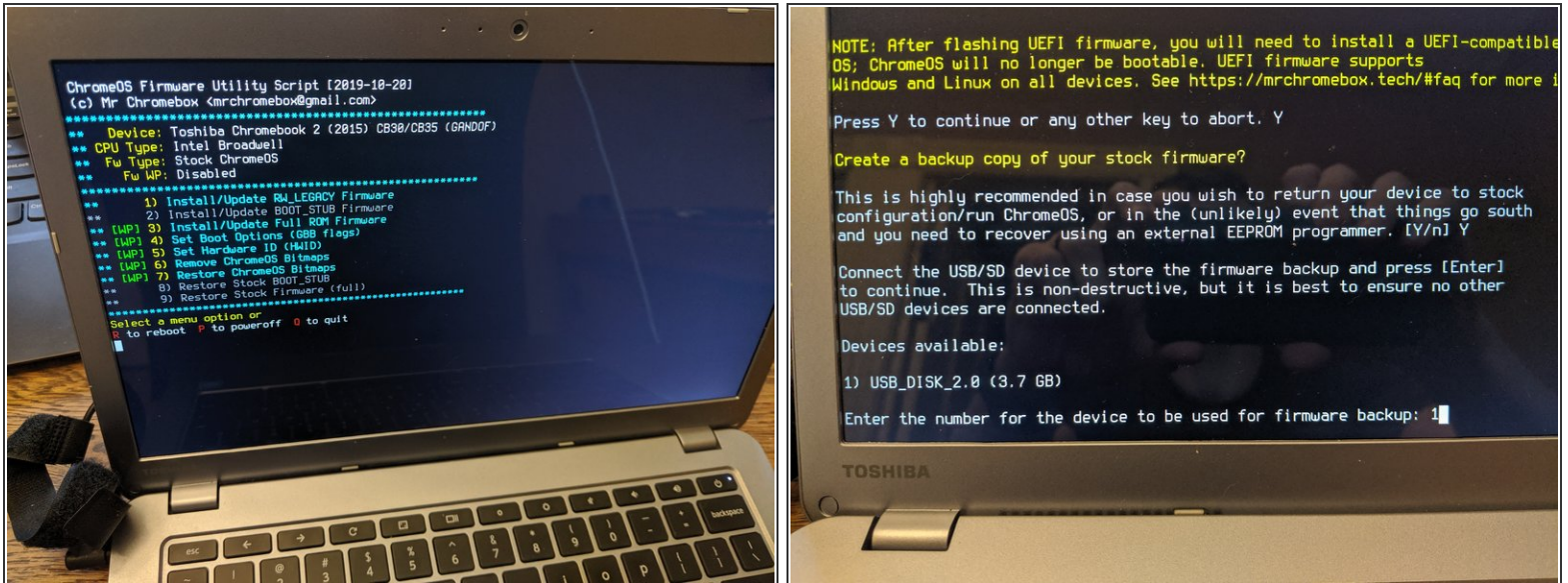
- We need to enable Developer Mode to install another BIOS and operating system. To enable Developer Mode, we must first invoke Recovery Mode.
- To start Recovery Mode, hold down the Esc (top-left-most key) and Refresh keys (three keys to the right of Esc on this model), then press the Power button (top-right-most key) for a moment, until the unit turns on.
- Once you see the exclamation mark and the message "Chrome OS is missing or damaged," press **Control+D**
- You'll see one last check that you really want this (you do!): "To turn OS verification off, press Enter." Press Enter. As it says, your laptop will reboot, and your data will be wiped.

Step 10



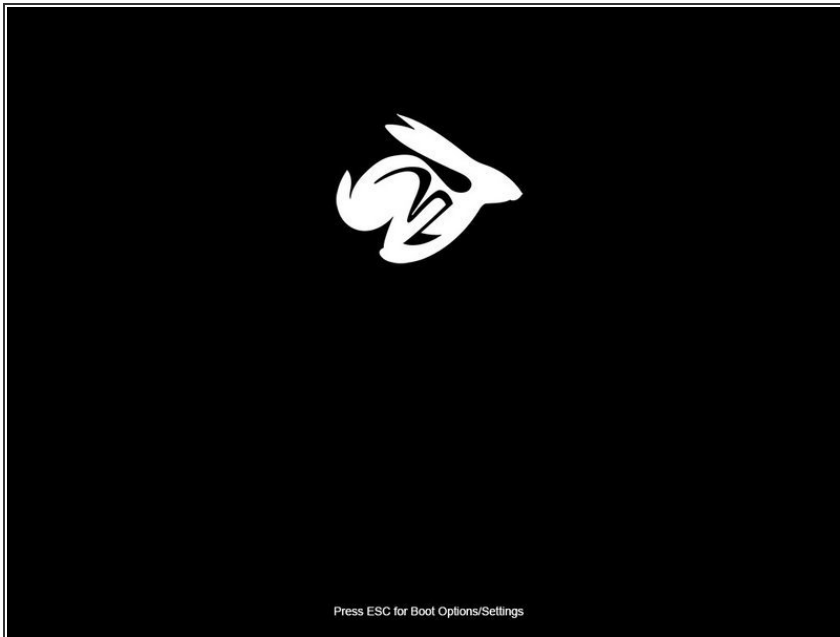
- When your Chromebook reboots, you'll get yet another warning screen: "OS verification is off." Press **Ctrl+D** one more time to get past this warning.
- When you land inside Chrome OS, it will be as if you're setting it up for the first time. You can often choose a Wi-Fi network from the lower-right menu area. You might have to click a "Let's go" button to get to the screen where you can choose a Wi-Fi network. Select your Wi-Fi, but don't continue on!
- Once you've selected a Wi-Fi network and successfully connected, hold the **Ctrl** and **Alt** keys and press the **->** button (the second button from the esc key). You should see a stark-looking terminal screen and text prompt.
- At the stark-looking prompt with a "localhost login," enter "**chronos**" as your login. That should change the prompt to "chronos@localhost," give you the permissions you need to run the next step.
- If you're having trouble logging in at the localhost prompt, you can get back to the ChromeOS setup (**Ctrl** and **Alt** and **<-** button). Once you're inside ChromeOS, hold **Ctrl** and **Alt** and hit **'T'**, then type "**shell**" at the command prompt. This also makes it easier to copy/paste the command in the next step.

Step 11 — Run the Mr. Chromebox Script



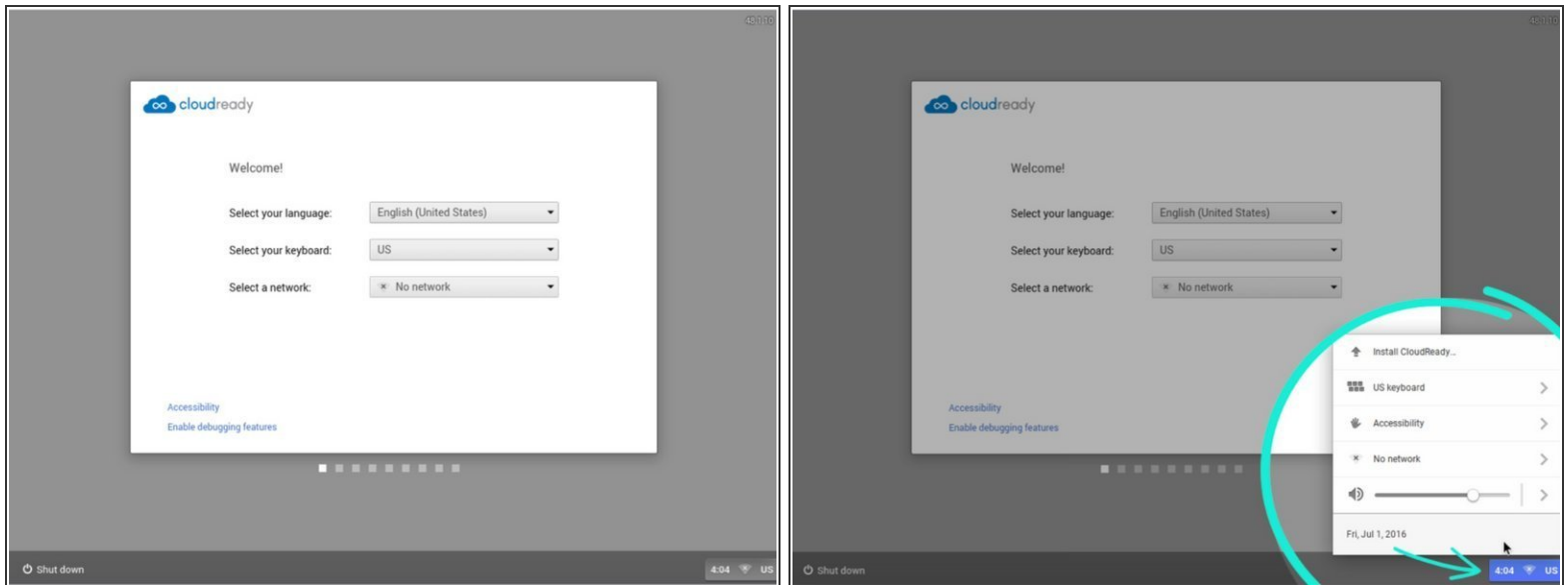
- Mr. Chromebox is a generous developer. Go to [the page for his Chrome OS firmware script](#) and type out the command on that page (starting with cd; curl ...)
- Choose "Install/Update Full ROM Firmware" from the menu by entering "3" and hitting Enter. You'll be prompted to agree to the inherent risk of what you're doing a few times by pressing "Y" for yes.
- You'll also be prompted to create a backup copy of your stock firmware. You should answer "Y" to this, and grab another USB storage device, if you have one. Once you've backed it up onto a USB drive, back it up somewhere online, too!
- Once you've finished installing the new firmware, enter "P" to power off.

Step 12



- With the Chromebook powered off, insert the CloudReady installer USB stick you made in step 6 (or [go make it now](#) on another computer if you haven't done so).
- With the USB stick in one of the USB ports, power on the Chromebook. You should see a new thing; a speedy rabbit at the top of your boot screen, and a message at bottom, "Press ESC for Boot Options/Settings."
- Do it! Press Escape before the bunny disappears. You'll be given a simple prompt to choose a device. Choose the option that looks like the USB stick you've inserted. It might show the name of the maker, like "Lexar" or "Sandisk" or just "Generic USB."
- If you miss it, just wait a moment; you should end up inside the BIOS options anyways, because there's no operating system installed. Choose the "Boot device" menu (or something similar) and look for where you can choose your USB stick for booting.

Step 13



- You'll get a CloudReady setup prompt that looks quite similar to the traditional Chromebook setup. Hooray!
- But! You don't want to go through this setup—it's just for setting up a "live" session. To actually *install* CloudReady, click the icons in the lower-right corner, and choose Install CloudReady.
- Follow [CloudReady's installation instructions from here](#).

Now you're running CloudReady and getting regular security and Chrome updates. You can use also use this guide to install any other OS ([Windows](#), Linux) from a USB stick.