# Framework Laptop 13 (13th Gen Intel Core) DIY Edition Quick Start Guide

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## INTRODUCTION

How exciting, you got your hands on a Framework Laptop 13 DIY Edition! This guide will walk you through each step from unboxing to powering on your laptop so you can start using it right away. As with all of our guides, make sure you read the directions in each step and view each image first.

**Please note this guide is for the Framework Laptop 13 (13th Generation Intel Core) only, if you are setting up a 11th or 12th Generation Intel Core Laptop please refer to this guide instead.**

After finishing the Quick Start Guide, if you're installing Windows, check out our Windows 11 Installation Guide and don't forget to install the Framework Laptop Driver Bundle. You can also check out our Linux compatibility page for the distros that work great on the Framework Laptop.

If you have questions or run into any issues, check out the Support pages.

## TOOLS:

- Framework Screwdriver (1)

## Step 1 — Unboxing the Framework Laptop 13 DIY Edition










- The first step is to open the box and identify the contents, the exact contents will vary depending on how you configured your Laptop, but inside the box you will find:
  - Bezel
  - Input Cover
  - Framework Laptop 13
  - Power Adapter
  - Expansion Cards
  - Storage, Memory, any additional Expansion Cards and importantly The Framework Screwdriver!
  - You will also find some goodies in the envelope in the lid!

## Step 2 — Unpack the components



- Start by unpacking the box containing your Framework Screwdriver, Memory and Storage, these are all together in the box found underneath the Laptop.
- You may also want to remove the Expansion Cards from their boxes at this stage too!

## Step 3 — Remove protective Cover




- Open the Laptop as pictured and you will find a clear protective cover as pictured, this can simply be lifted off and set aside.

ⓘ This protective cover is made of PET and is highly recyclable. We recommend this can be disposed of with other household plastic recycling.

## Step 4 — Insert the Memory module



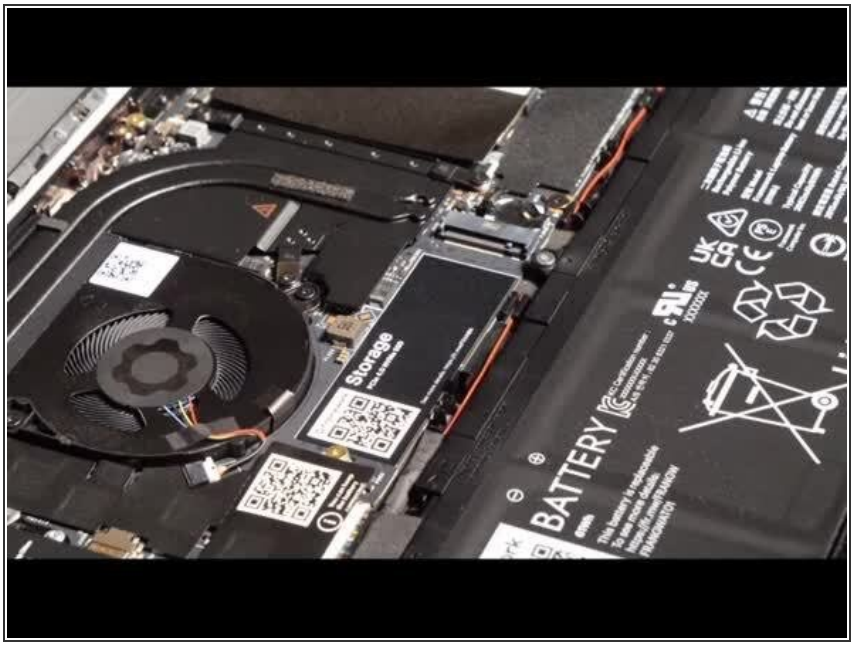
- There are mylar sheets protecting the memory slots, these can be gently lifted to insert your memory modules.
- Insert the Memory module into the Mainboard by aligning the notch on the Memory module with the notch on the socket.

  ⚠ Make sure that the memory is fully inserted before proceeding.
- Once the module is fully inserted, it will rise up at a 20-degree angle. Gently press it down towards the Mainboard until the clips located at the top and bottom of the receptacle snap into place (see the red arrows in the third image).

ⓘ If you are using one Memory module, place it in the right socket that is labelled “Channel 0."

ⓘ The first boot after installing a new Memory module will take longer than normal, as the system prepares itself for the new module.

## Step 5 — Install the SSD




- Align the notch on the Storage module with the notch on the socket and slide the module into the Mainboard.
- Once properly inserted the module will rise up at a 20-degree angle.
- Using one finger gently hold the Storage module down to the Mainboard and use your other hand to screw in the fastener using the T5 bit in the Framework Screwdriver.

⚠ Be sure to not over-tighten the fastener.

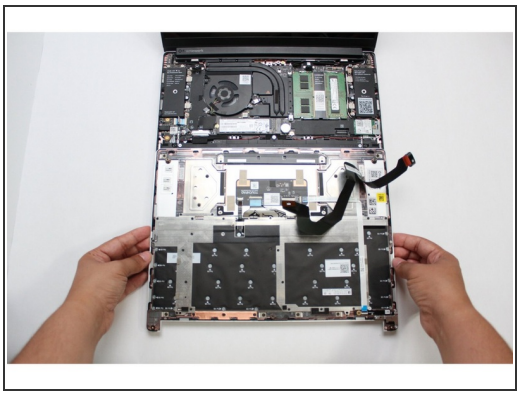
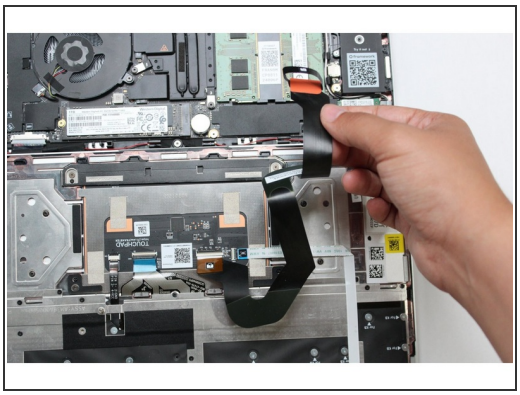
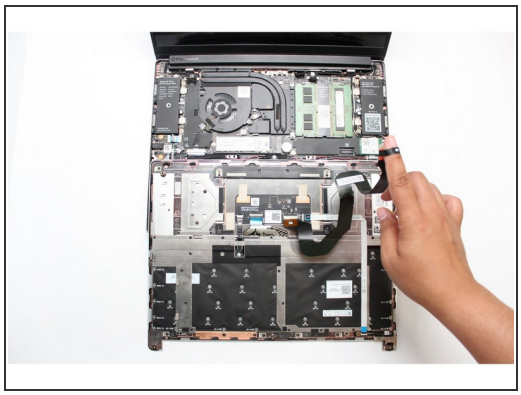
## Step 6 — Attach the Bezel





- Open the Framework Laptop 180 degrees to attach the Bezel.
- If installing a new Bezel, remove the liner pieces on the bottom of the Bezel to expose the adhesive.
- Align the corners of the Bezel to the display and place it down. The Bezel is attached by magnets and should easily click into place.
- Make sure that all of the corners and edges of the Bezel are fully connected to the Top Cover. If the corners are not aligned. carefully lift up the part of the bezel and guide it into place.

## Step 7 — Install the Input Cover

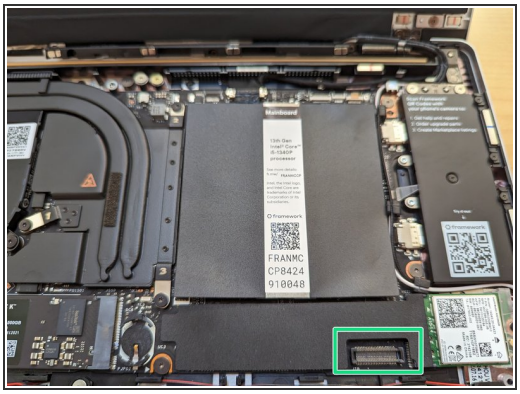
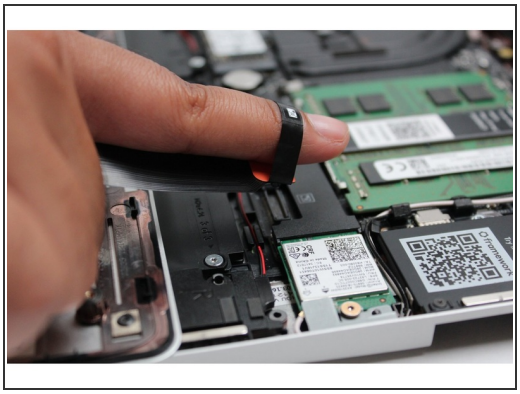
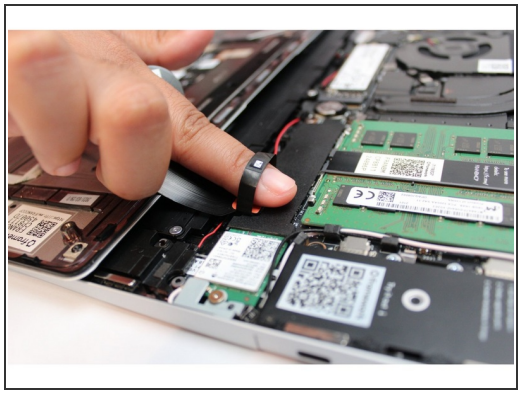




- Gently place the Input Cover keyboard side down on the Bottom Cover as indicated on the image. The cover should be about an inch and a half away from the bottom of the Mainboard so that you can comfortably install the Touchpad Cable.

Note: The orientation of the Input Cover matters. Study the first image in this step to ensure you are properly attaching the cover.

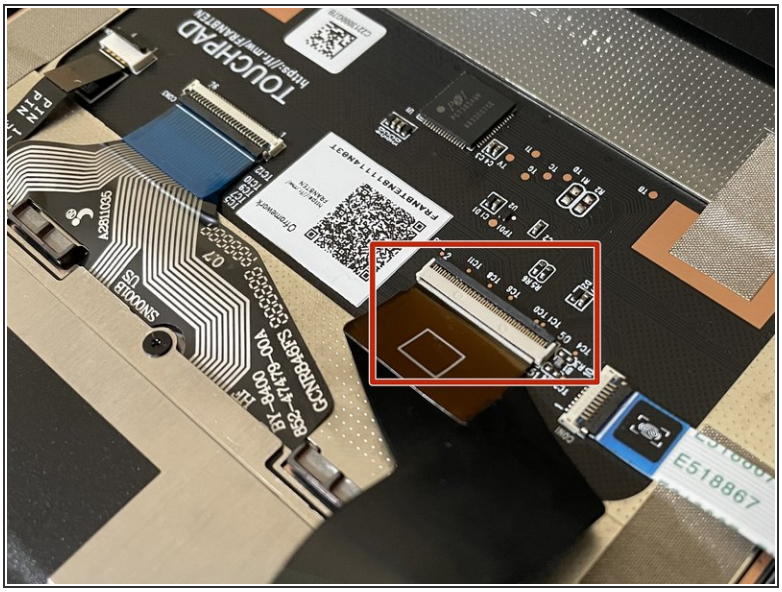
- Locate the loop on the end of the Touchpad Cable and insert your finger into it.

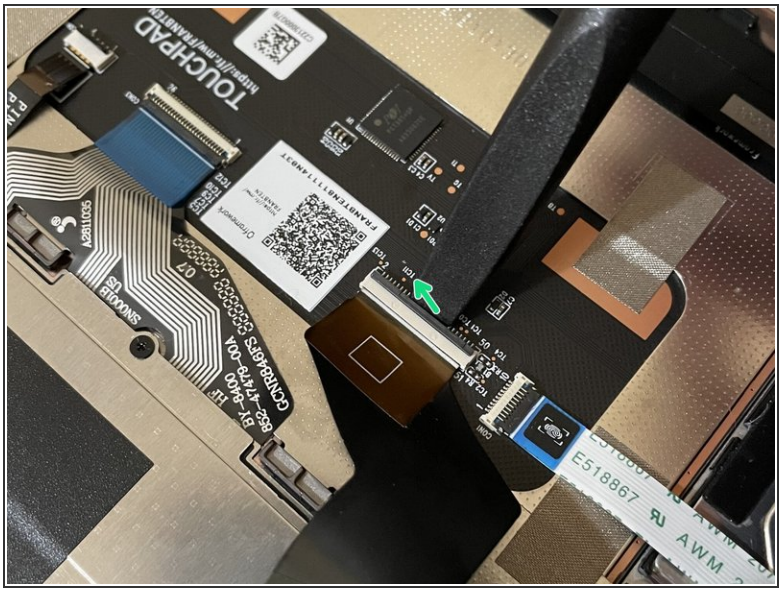
## Step 8 — Connect the Touchpad Cable

- Using slight force, connect the Touchpad Cable by aligning it to the socket on Mainboard. You should hear it click into place once properly connected.

## Step 9 — Make sure the Touchpad side of the Touchpad Cable is fully inserted




⚠ Before closing up the laptop, make sure that the Touchpad end of the Touchpad Cable is fully seated in the receptacle on the underside of the Touchpad.

- The cable should be inserted far enough that the white line almost touches the receptacle.
- If it is not inserted far enough, you'll need to flip up the black latch on the other side of the connector, slide the cable in further, and then close the black latch again.

## Step 10 — Place the Input Cover back on





- Flip the Input Cover over the Bottom Cover so that the keyboard is facing up and attach it to the Bottom Cover by aligning the top and bottom edges of both covers.

The covers are magnetic and should fit into one another easily. If you feel any resistance simply lift the Input Cover up and try again.

Note that the Input Cover will not sit entirely flat until the bottom fasteners are tightened. The bottom right corner is slightly lifted to make it easy to remove the Input Cover.

## Step 11 — Screw the fasteners back into place





- Close the Framework Laptop and turn it upside down to reveal the empty Expansion Card bays and fasteners on the Bottom Cover.
- Using the T5 bit in the Framework Screwdriver, tighten all 5 fasteners.

⚠ Be sure to not over-tighten the fasteners.

## Step 12 — Get ready to turn on the Framework Laptop!



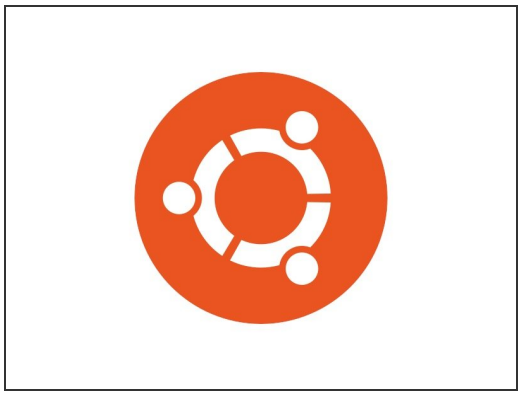


- Insert the Expansion Cards of your choice into any of the empty bays.
- The text, logo, and QR code on the Expansion Card must be facing down (facing the laptop). Slide the Expansion card into the bay. Using two or more fingers push the card until into the bay until it clicks.
  - ⓘ You will have to use a slight amount of force to ensure proper installation of the Expansion Cards.
- Plug your power cable into the USB-C Expansion Card.
- Open the lid on your Framework Laptop and press the power button.
  - ⓘ Note that your first boot will take a while before the logo comes up on screen as the system does memory training. The more memory you've installed, the longer this could take (on the order of a minute or two with 64GB!)

## Step 13 — Install an Operating System





- Find the instructions for installing Windows 11 here.

The Framework Laptop is designed to work great with Linux too. Check out our Linux compatibility page for distros we recommend, like:

- Fedora 38- Essentially fully functional out of the box.
- Ubuntu 22.04 LTS - Essentially fully functional out of the box.

## Step 14 — Install the Framework Driver Bundlle



- Once you have installed your Operating System you'll also need to install the latest Framework Laptop Driver Bundle.

- To purchase a Framework Laptop visit the Framework website
- Want to learn more about the Framework Laptop? Take a look at ourblog
- If you have any questions or concerns, feel free to reach out toFramework Support