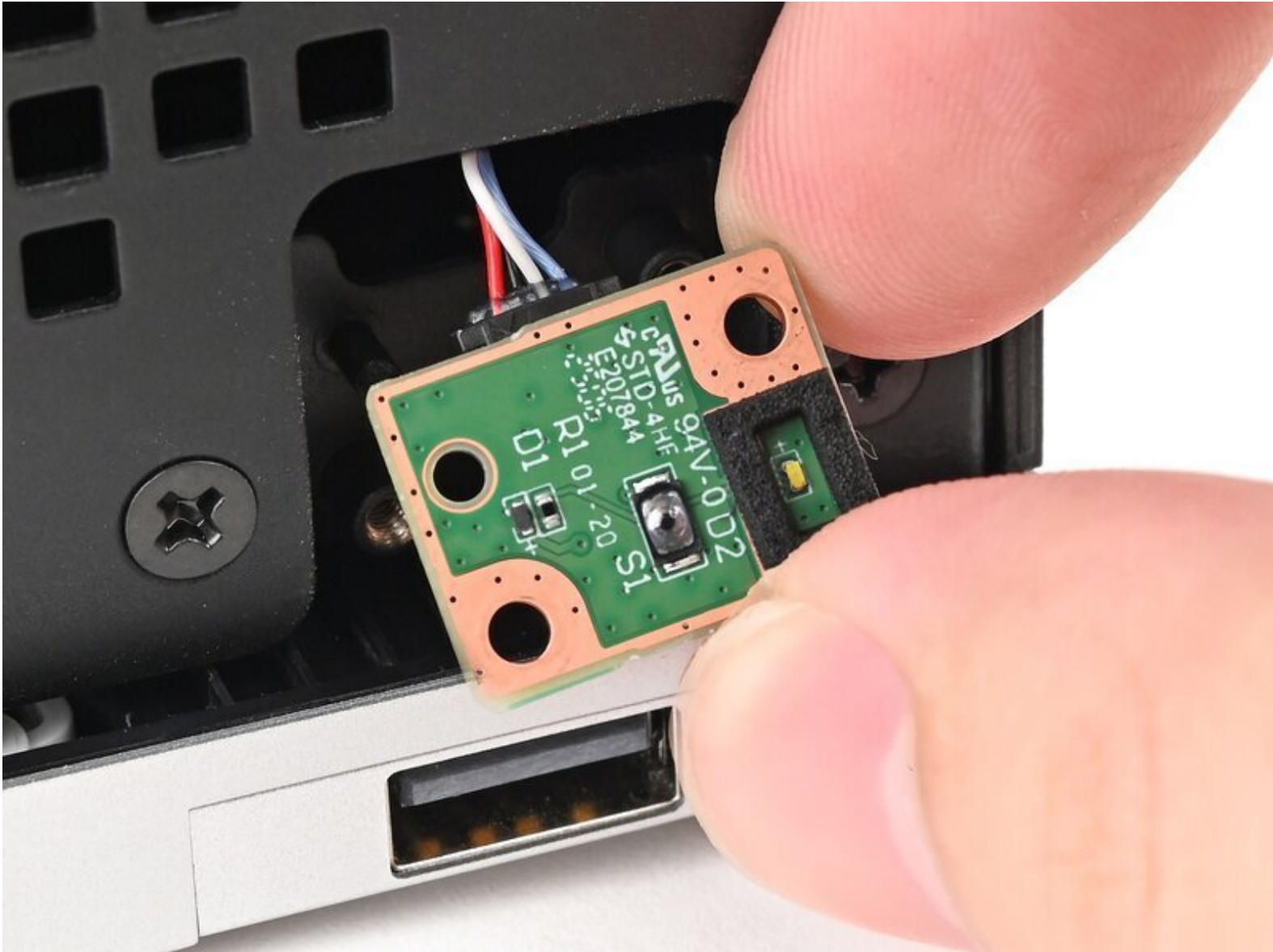




Power Button Board

Written By: Iroh



INTRODUCTION

Follow this guide to remove and replace the Power Button Board in your Framework Desktop.



TOOLS:

- [Framework Desktop Screwdriver](#) (1)
-

Step 1 — Power down your Desktop



- Before you begin repairs, shut down your Desktop from the operating system and unplug it.
- Make sure your Framework Desktop Screwdriver has the T5 Torx bit (labeled as T5) facing outwards. If it's not, pull the bit out and flip it.

Step 2 — Remove the Handle



- ❗ If you installed the Handle on your Desktop, follow this step. Otherwise, skip it.
- Rotate the Handle's screw threads counterclockwise on both sides until it comes free.
- Remove the Handle.

Step 3 — Remove the Top Panel screws



- Use your finger to lift up the two D-rings on the Top Panel screws.

Step 4



- Use your fingers to twist the screw counter-clockwise and loosen it.
- Remove the Top Panel screw.

Step 5



- Repeat the same procedure for the other Top Panel screw.

Step 6 — Remove the Top Panel



- Slide the Top Panel towards the rear of the computer to release the clips securing it to the chassis.
 - ❗ If you're having a hard time gripping the Top Panel, use the screw holes to get a better handhold.
- Lift the Top Panel off the chassis and remove it.

Step 7 — Remove the Left Panel



- Use your fingers to grip the top of the Left Panel and slide it upward to release its clips.
- Remove the Left Panel.

Step 8 — Remove the Right Panel



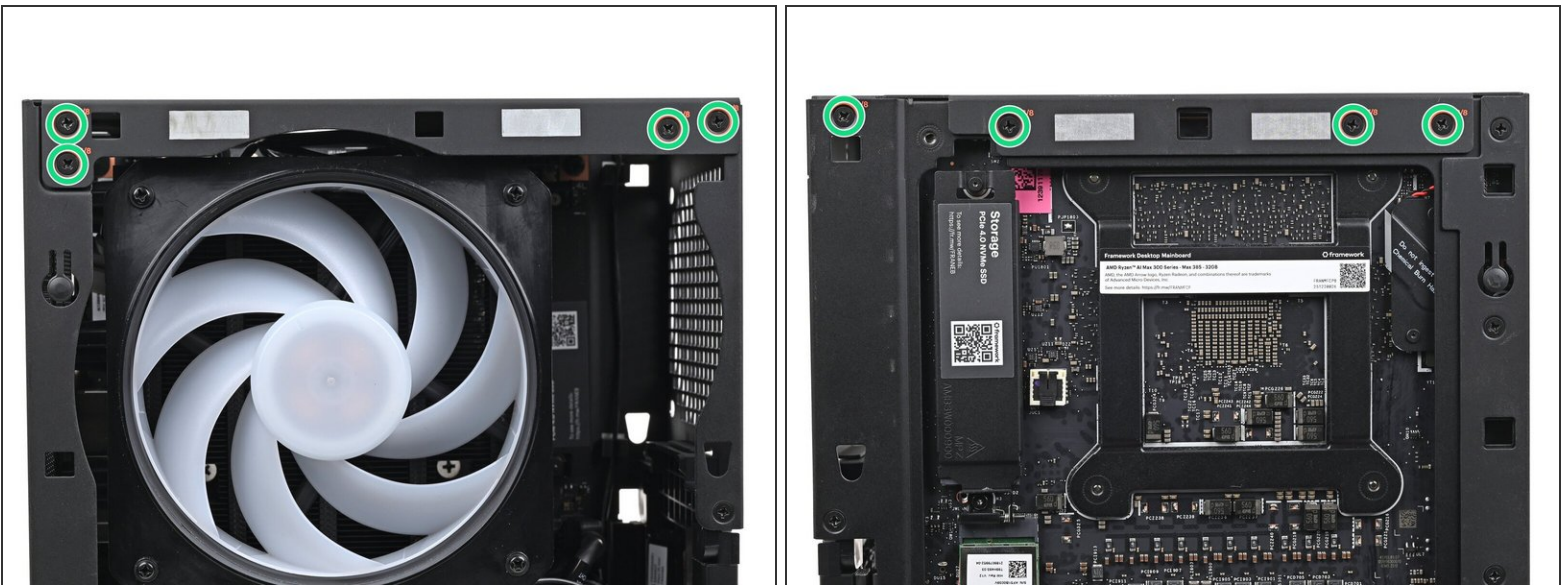
- Use your fingers to grip the top of the Right Panel and slide it upward to release its clips.
- Remove the Right Panel.

Step 9 — Remove the Front Panel



- Use your fingers to pull the Front Panel off the magnets securing it to the chassis.

Step 10 — Remove the top plate screws



- While holding the Desktop steady, use your Framework Desktop Screwdriver to remove the eight 4.0 mm-long Phillips screws securing the top plate.

Step 11 — Remove the top plate



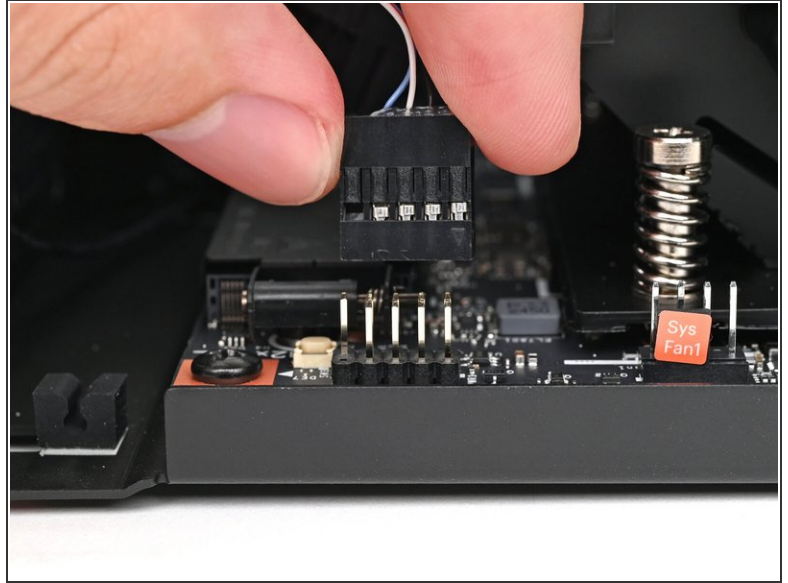
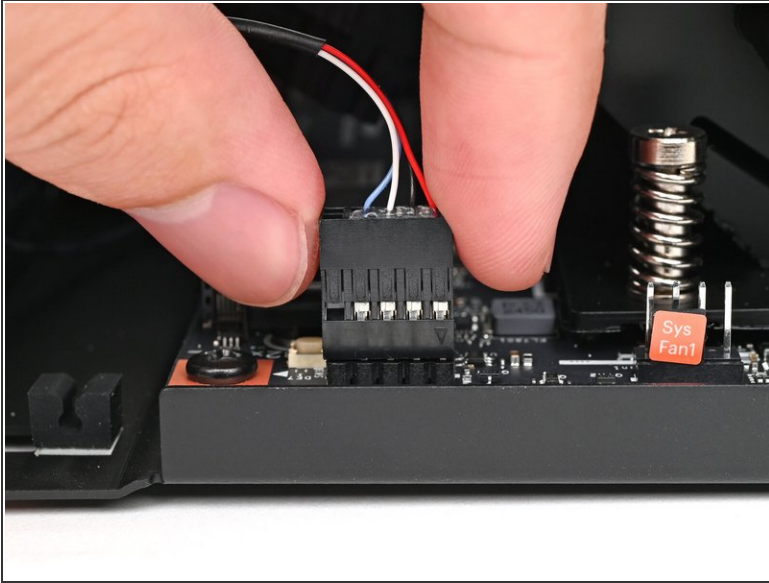
- Lift the top plate off the Desktop and remove it.

Step 12 — Reposition the Desktop



- Rotate the Desktop onto its right side so the Mainboard is facing upward.

Step 13 — Disconnect the power button



- Use your fingers to lift the power button cable connector off its nine-pronged socket on the Mainboard.

Step 14 — Reroute the power button cable



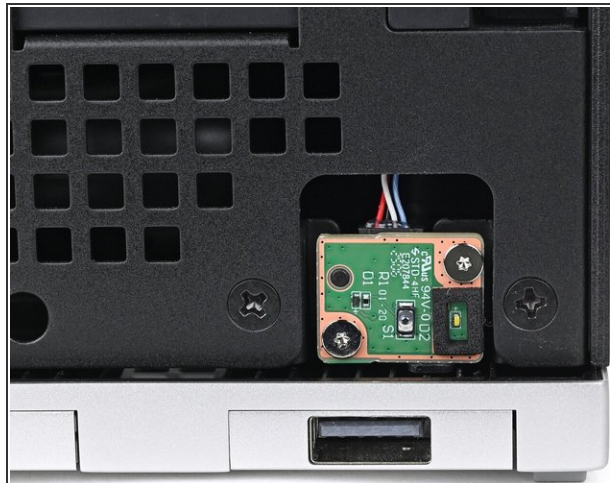
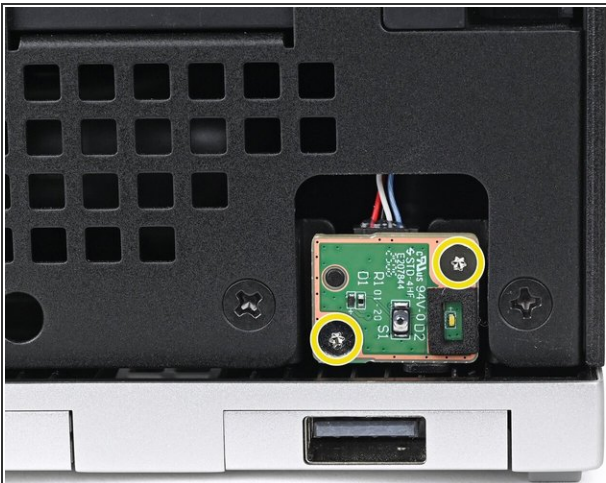
- Pull the power button cable out of its rubber clips in the chassis.

Step 15 — Reposition the Desktop



- Rotate the Desktop so it sits upright.

Step 16 — Remove the Power Button Board screws



- Use your Framework Desktop Screwdriver to remove the two 4.5 mm-long screws securing the Power Button Board.

Step 17 — Reposition the Power Button Board



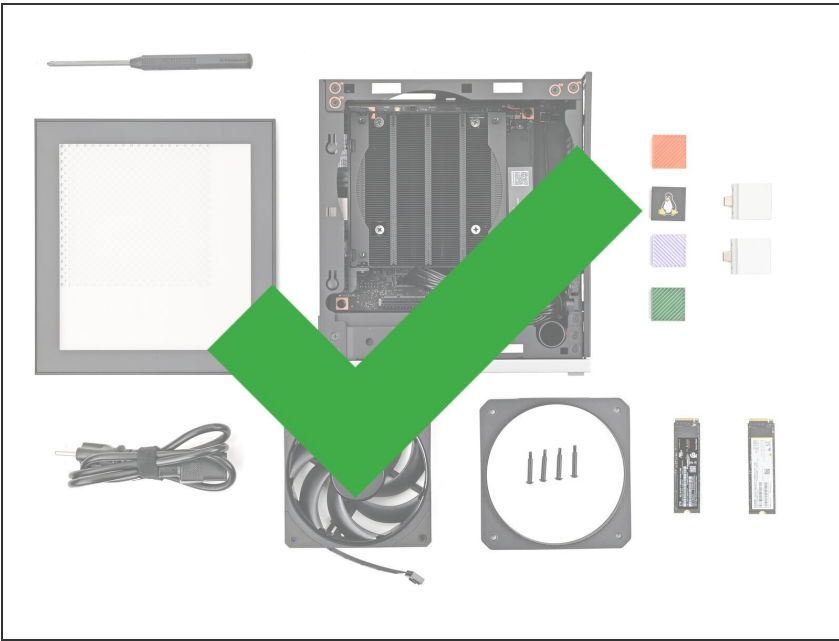
- Use your finger to pull the Power Button Board off its [alignment peg](#).

Step 18 — Remove the Power Button Board



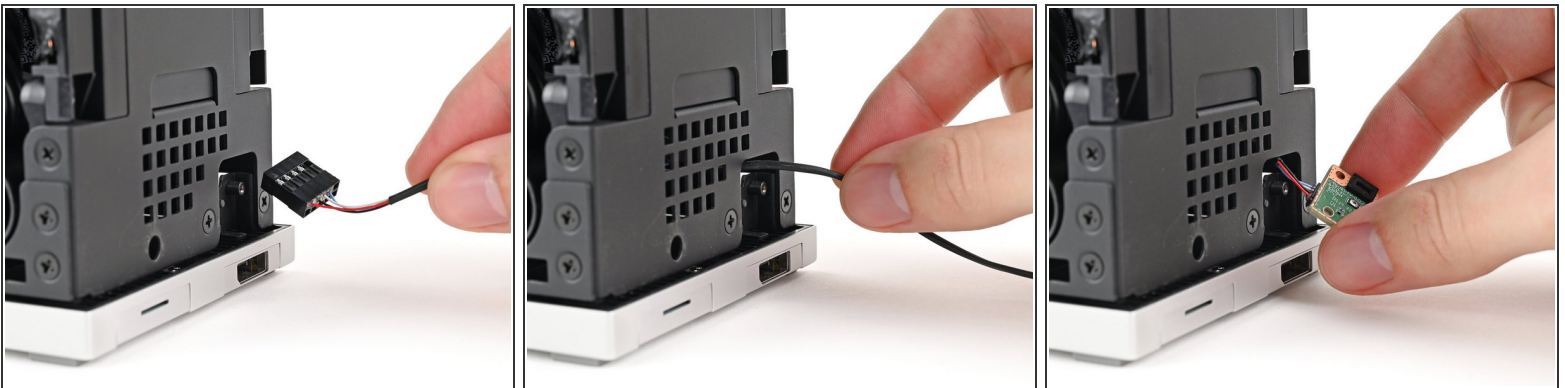
- Pull the Power Button Board away from the Desktop, threading its cable through the chassis.

Step 19 — Disassembly complete



- Congratulations on completing disassembly! **The remaining steps will show how to reassemble your Framework Desktop.**

Step 20 — Place the Power Button Board



- Insert the Power Button Board cable into the slot in the Desktop.
- Grip the cable from the top of the Desktop and thread it through the chassis.

Step 21 — Reposition the Power Button Board



- Place the board into its slot in the Desktop so the [alignment peg](#) is threaded through its hole in the board.

Step 22 — Install the Power Button Board screws



- Use your Framework Desktop Screwdriver to install the two 4.5 mm-long screws securing the Power Button Board.

Step 23 — Reposition the Desktop



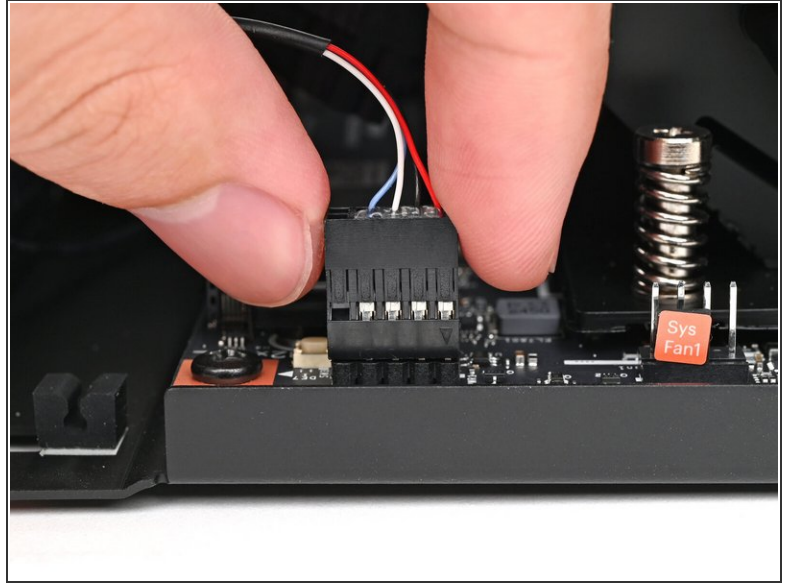
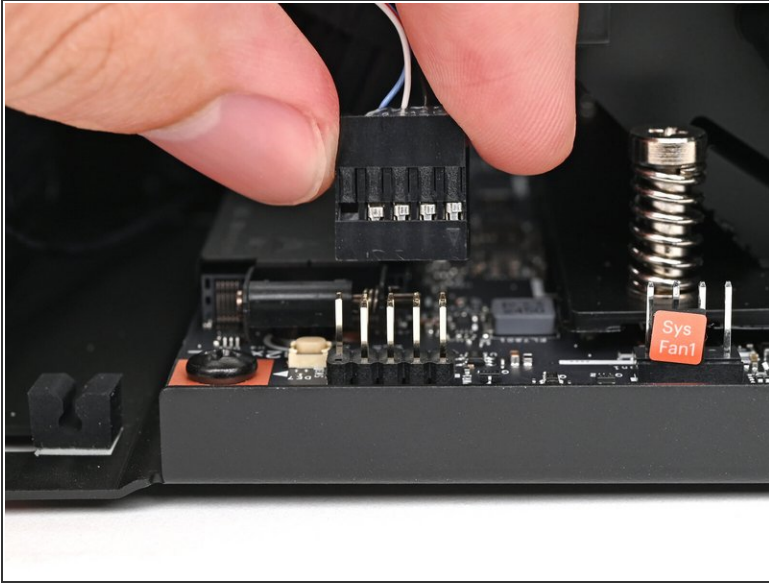
- Rotate the Desktop onto its right side so the Mainboard is facing upward.

Step 24 — Reroute the power button cable



- Press the power button cable into its rubber clips in the chassis.

Step 25 — Connect the power button



- Slide the power button cable over the nine-pronged connector on the Mainboard.

Step 26 — Reposition the Desktop



- Rotate the Desktop so it sits upright.

Step 27 — Place the top plate



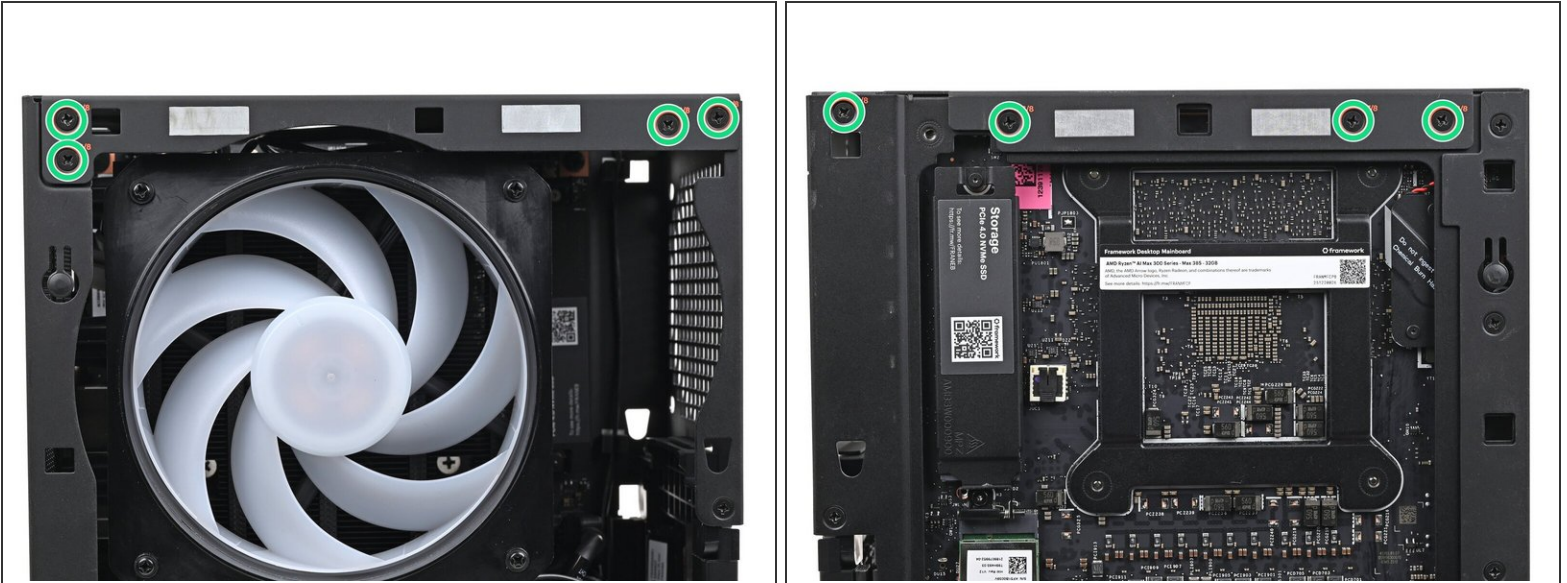
- Place the top plate on top of the Desktop, making sure it slots into the chassis so the orange circles are visible.

Step 28



- Make sure the matching screw hole on the top plate labeled " 5/8" is slotted on the inside of the Chassis so that the orange circle is visible.

Step 29 — Install the top plate screws



- While holding the Desktop steady, use your Framework Desktop Screwdriver to install the eight 4.0 mm-long Phillips screws securing the top plate.

Step 30 — Install the Front Panel



- Lay the bottom of the Front Panel on the small, protruding lip in the silver base to align [its tabs](#).
- Press the Front Panel flat to the chassis and let it align to the magnets.

Step 31 — Install the Right Panel



- Slide the Right Panel onto the right edge of the chassis, from top to bottom, and press it flat to ensure its clips are slotted into place.
 - ❗ There should be a [small gap](#) between the bottom of the Right Panel and the silver base.
- Push the Right Panel towards the base of the computer to engage the clips.

Step 32 — Install the Left Panel



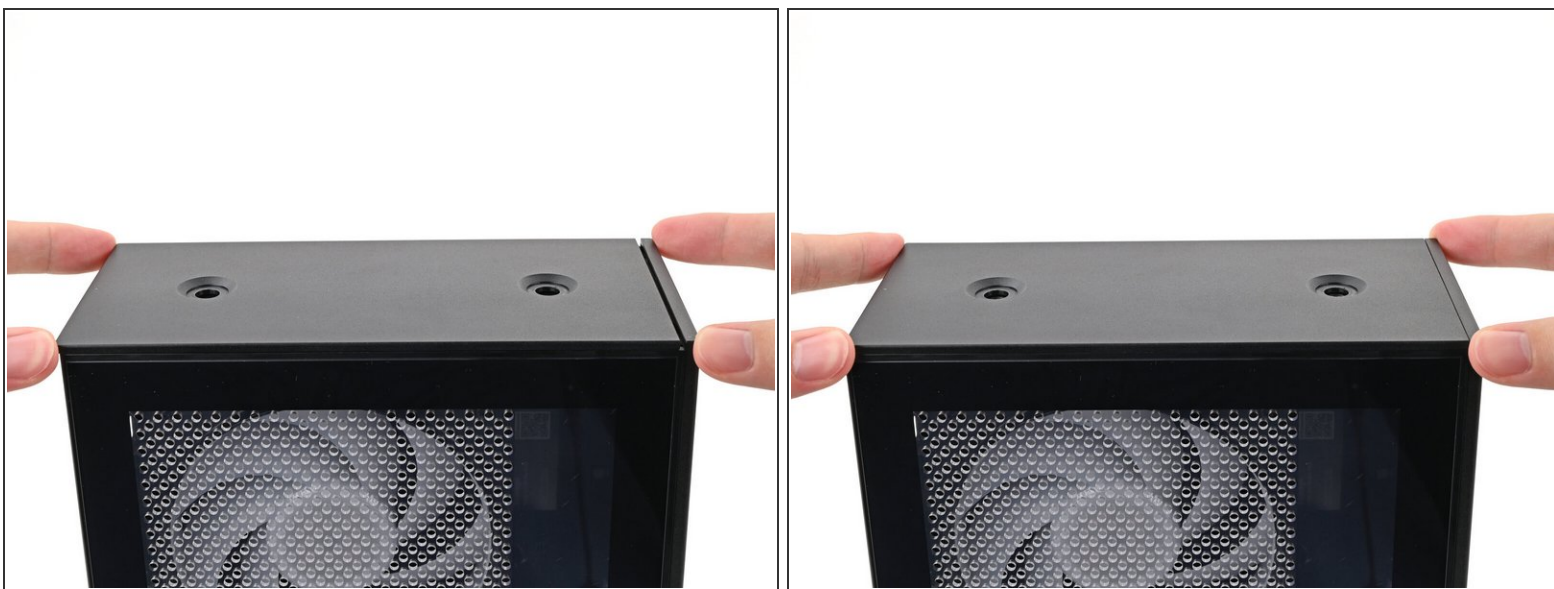
- Slide the Left Panel onto the left edge of the chassis and press it flat to ensure its clips are slotted into place.
 - ❗ There should be a [small gap](#) between the bottom of the Left Panel and the silver base.
- Push the Left Panel towards the base of the computer to close the gap and engage the clips.

Step 33 — Install the Top Panel



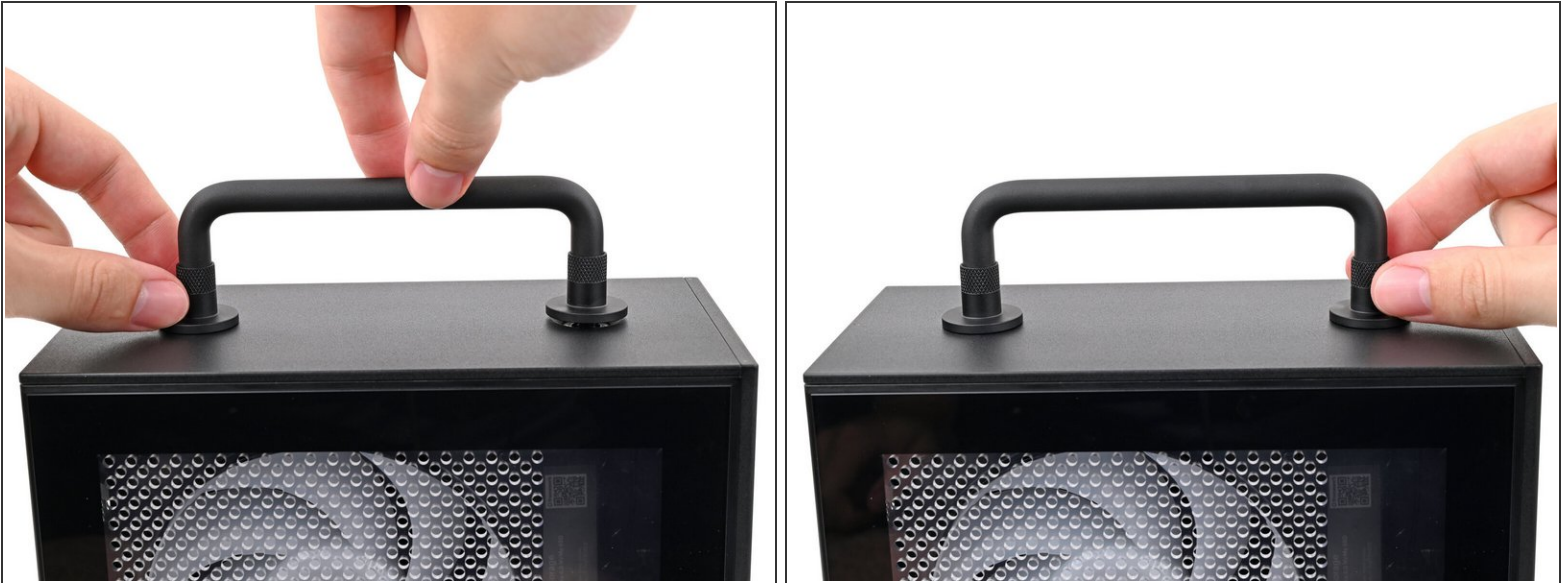
- Orient the Top Panel so its arrow is pointing towards the rear of the computer.
- While holding the Top Panel at a slight downward angle, slide it across the top of the chassis (from rear to front) until you feel its clips catch.
 - ⓘ There should be a [small gap](#) between the Top Panel and the front of the Desktop.
- Lay the Top Panel flat on the chassis to align the remaining clips.

Step 34



- While securing the computer with one hand, use the other hand to slide the Top Panel towards the front of the computer to close the gap and engage the clips.

Step 35 — Install the Handle



- ❗ If you're installing the Handle on your Desktop, follow this step. Otherwise, skip it.
- Place the Handle over the Top Panel screw holes.
 - While holding the Handle in place, twist the screw threads on both sides clockwise until they're snug on the Top Panel.

Step 36 — Install the top panel screws



- Insert the top panel screw into its hole and twist clockwise until it feels snug.

Step 37



- Repeat the same procedure for the other top panel screw.

Step 38



- Use your finger to close the two D-rings on the top panel screws.

You finished fixing your Framework Desktop!

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

If you need help, [contact Framework support](#).