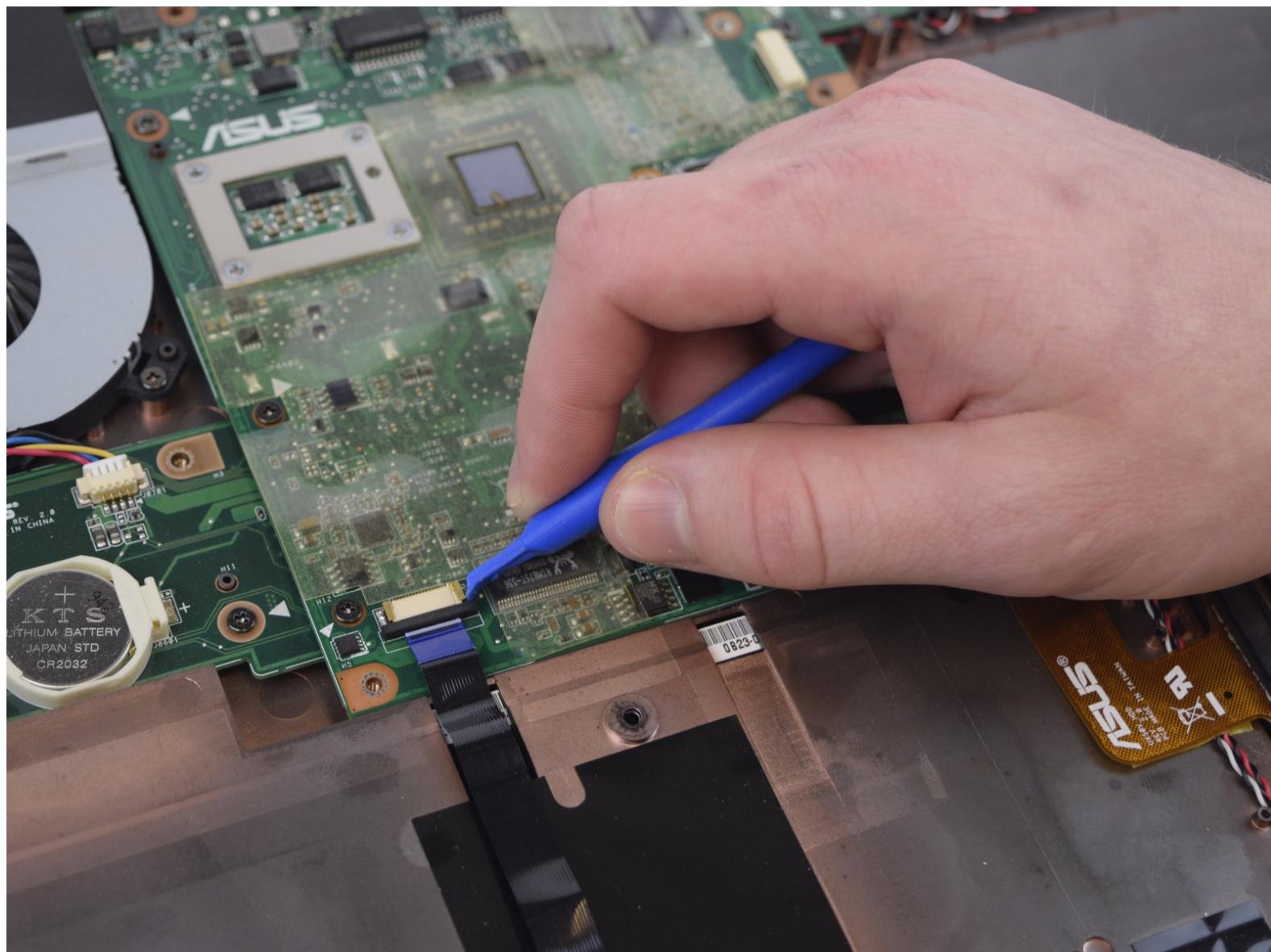




ASUS UX50V-RX05 Motherboard Replacement

This guide will show you how to replace your Motherboard in the Asus UX50V-RX05.

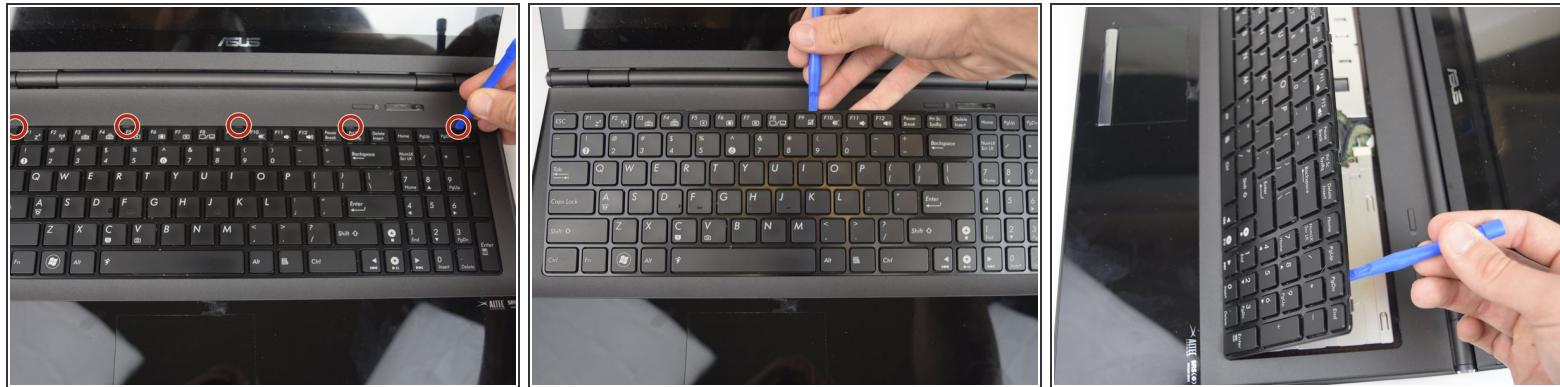
Written By: James



 **TOOLS:**

- [iFixit Opening Tools \(1\)](#)
- [T6 Torx Screwdriver \(1\)](#)
- [Spudger \(1\)](#)
- [Pro Tech Toolkit \(1\)](#)

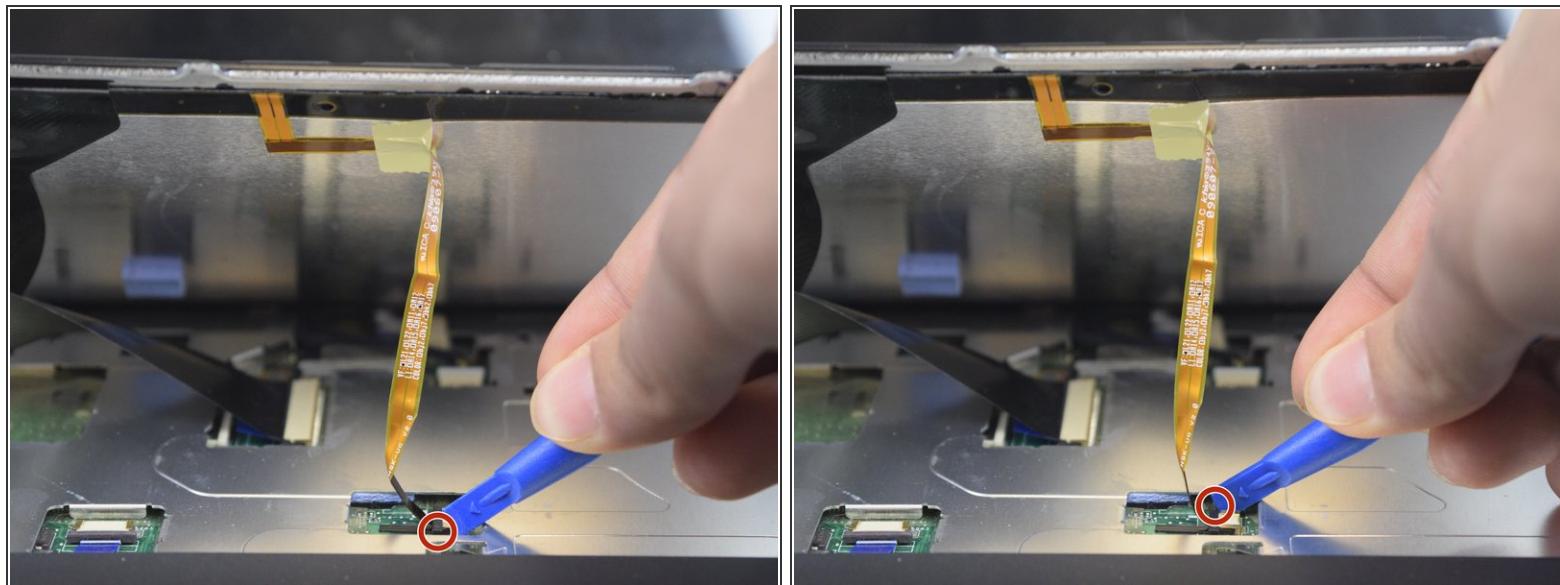
Step 1 — Keyboard



! Make sure the device is powered off and the battery is removed before beginning.

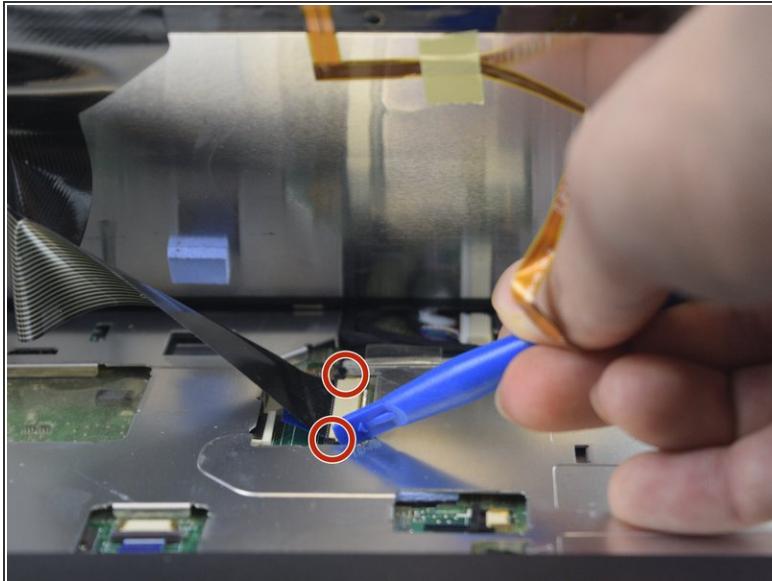
- Use the Plastic Opening tool to pry the five slots up at the top of the keyboard.

Step 2



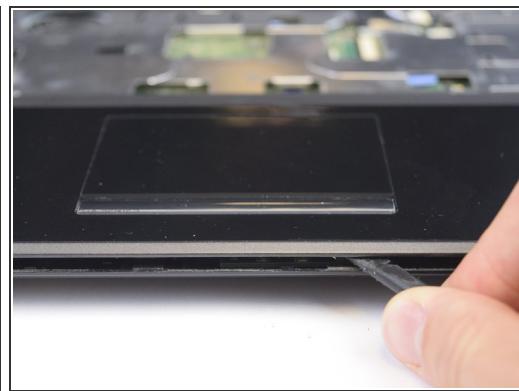
- Lift the keyboard enough to expose the two ribbon connectors (LCD flex cable and flex band).
- Use the Plastic Opening tool to push open the two black clips on each side of the connecting cords.
- Remove the cable after pushing out the two black clips.

Step 3



- Push out each end of the black clip with a plastic opening tool or nylon spudger to remove the ribbon cable.
- Remove the cable after pushing out both black clips.
- Remove the keyboard.

Step 4 — Case Removal



- Remove the thirteen 5 mm J0 screws from the back of the laptop.
- With the keyboard removed, use the spudger tool to pry around the edge of the laptop until it is free.

Step 5



- Use the spudger tool to unplug the two cords from the body by pushing on the tabs on both sides of the plug.

Step 6



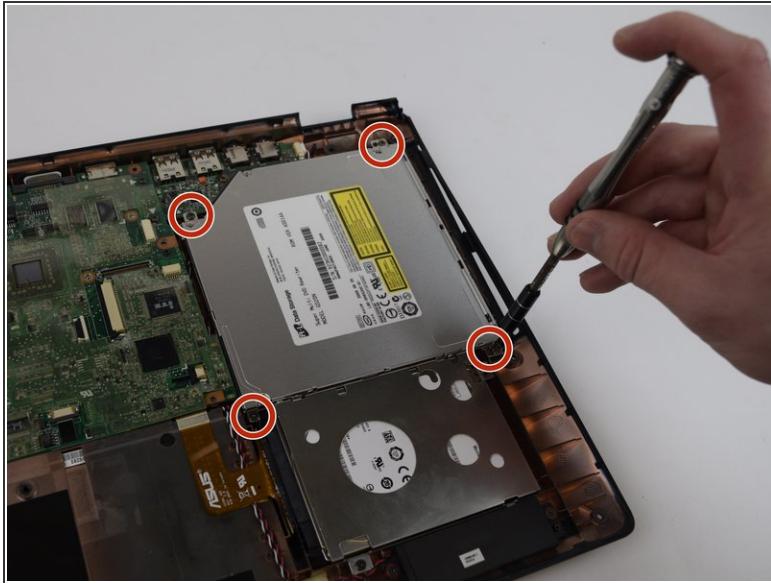
- With the previous two cords unplugged and out of the way, you can work on unplugging the black cord.
- Use your fingers to pull up on the clear tab, or use the spudger tool to push out both sides of the connector.

Step 7



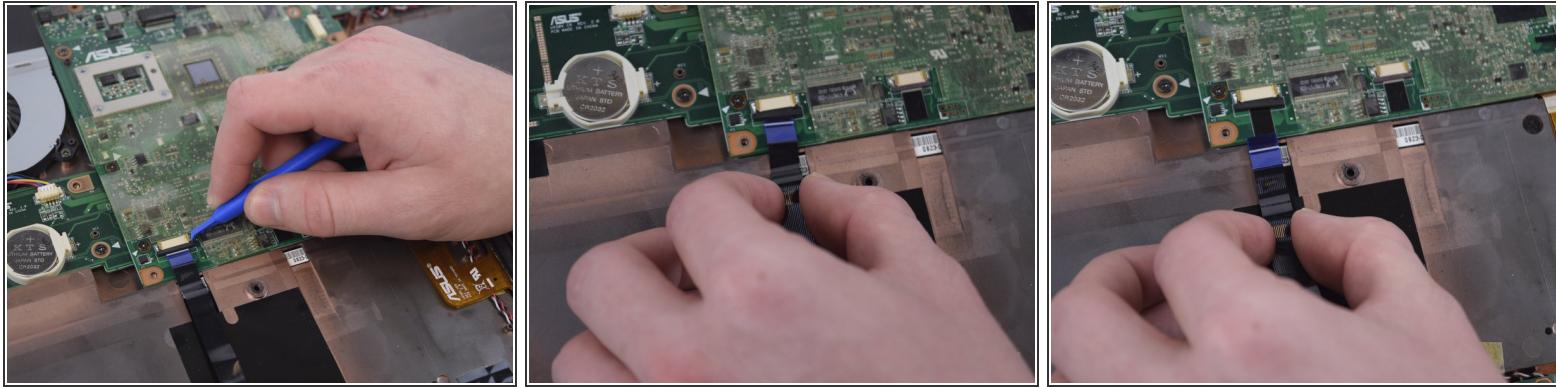
- Carefully lift and remove the plastic cover to avoid damaging anything.

Step 8 — Optical Drive



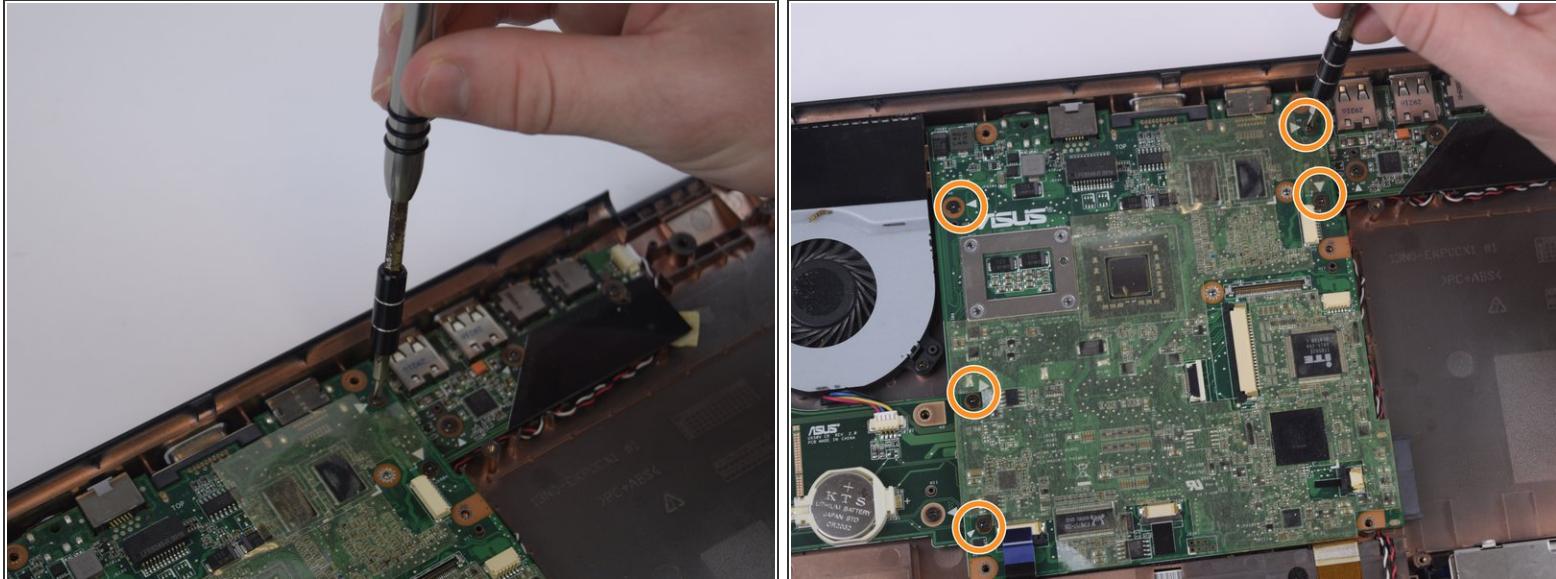
- Remove the four 5 mm J0 screws surrounding the Optical Drive.
- Remove the optical drive by pulling it out and away from the connector.

Step 9 — Motherboard



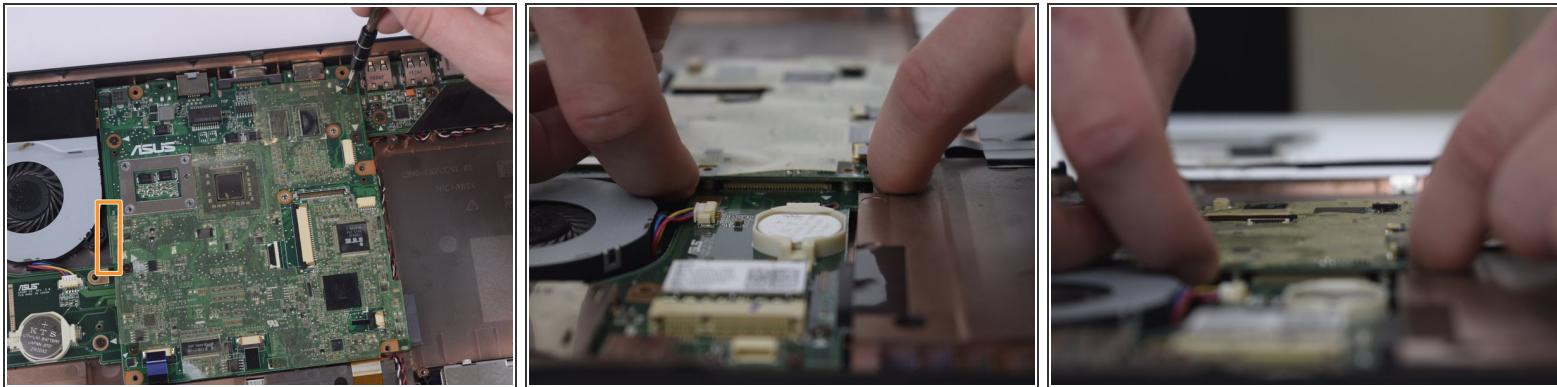
- Use the Plastic Opening Tool to unplug the blue cord on the Motherboard.

Step 10



- Remove the five 4 mm Phillips head 5 mm long screws that have white arrows pointing to them with the screwdriver.

Step 11



- Lift the Motherboard with your fingers by reaching underneath the Motherboard and prying.

Step 12



- Remove the two 4 mm Phillips head 5 mm long screws from the fan using the screwdriver.
- Using the Spudger, carefully remove the white connector and lift the fan out of the casing.

Step 13



- Slowly lift the motherboard up towards you being careful as to not rip any cords out of the bottom.
- Using the Spudger, remove the connector towards the bottom of the motherboard.
- Remove the motherboard from the casing.

To reassemble your device, follow these instructions in reverse order.