



ASUS X42J Motherboard Replacement

This guide will demonstrate how to change out the laptop's motherboard.

Written By: Robert Martinez

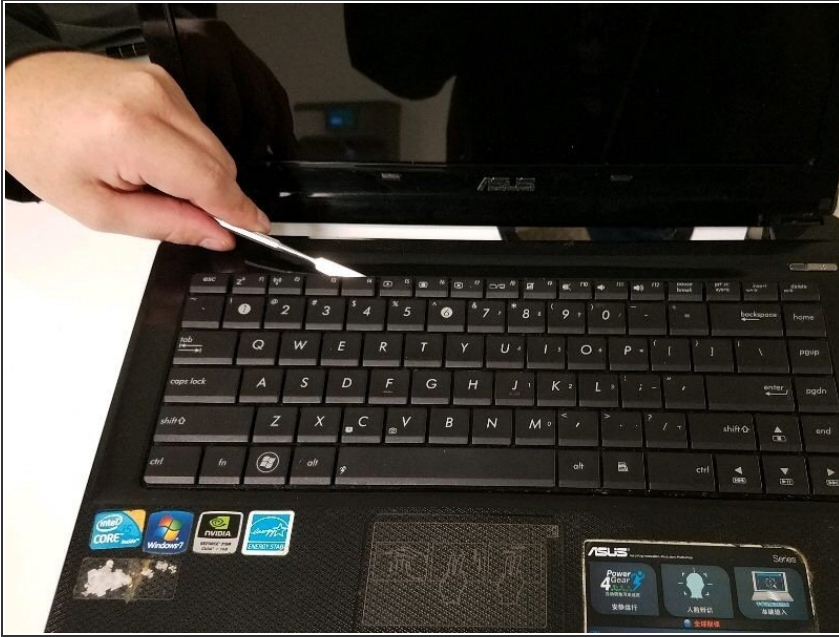




TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Metal Spudger](#) (1)
- [Nylon Tipped Tweezers](#) (1)

Step 1 — Keyboard



- ❗ Make sure your device is unplugged and turned off before proceeding.
- Using a [Spudger](#), gently pry up the keyboard.

Step 2



- Rotate the keyboard to face downward.
- Pull out the blue wiring connection. Use [tweezers](#) to make it easier to remove.

Step 3 — Disk Drive



- Use the Phillips #0 screwdriver to remove the two screws on the back of the laptop.

Step 4



- Slide the disk drive out of the device.

Step 5 — Motherboard



- Remove all screws located on the bottom plate of the laptop, beginning with the three located underneath the disc drive.

Step 6



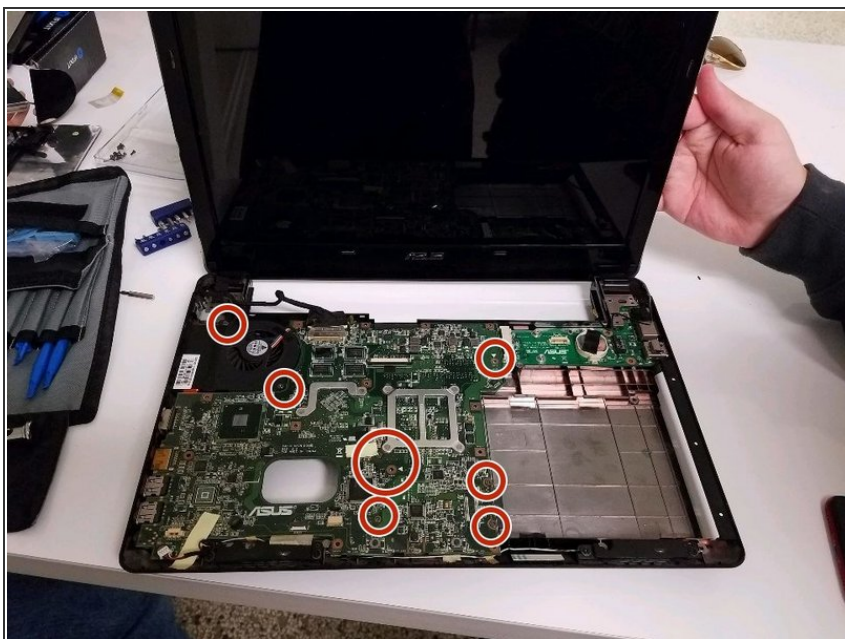
- Rotate the laptop until it is sitting face up and extract all screws exposed by removing the keyboard.

Step 7



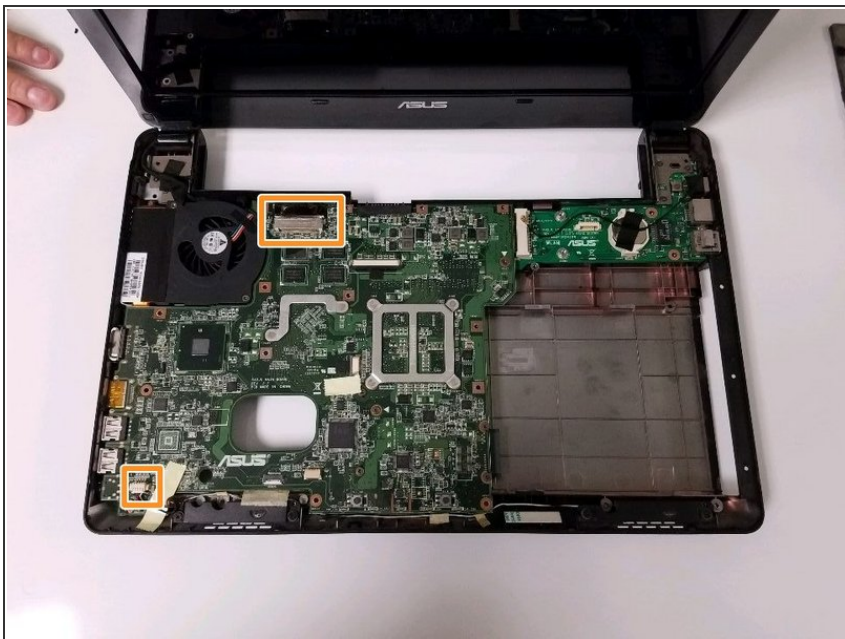
- Pull up on the front panel using the [spudger](#) until the front panel separates from the bottom panel.

Step 8



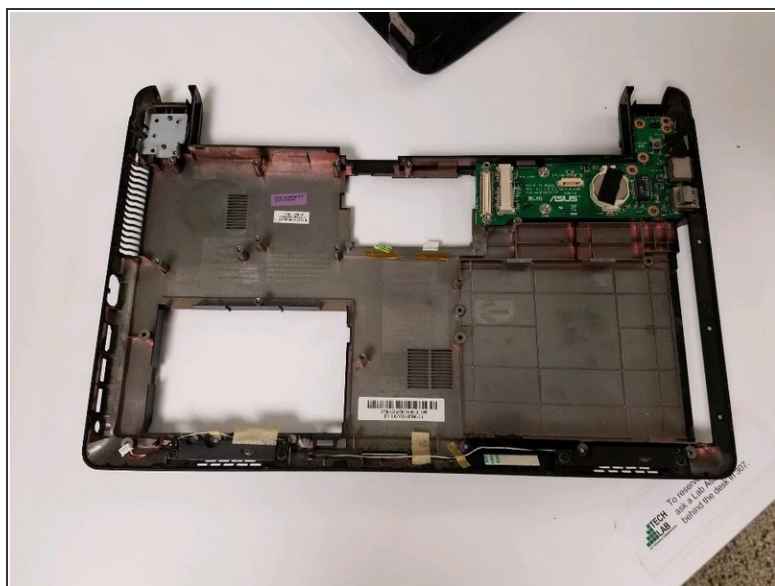
- Unscrew and remove the marked screws.

Step 9



- Separate the connectors.

Step 10



- Remove the motherboard from the device.

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