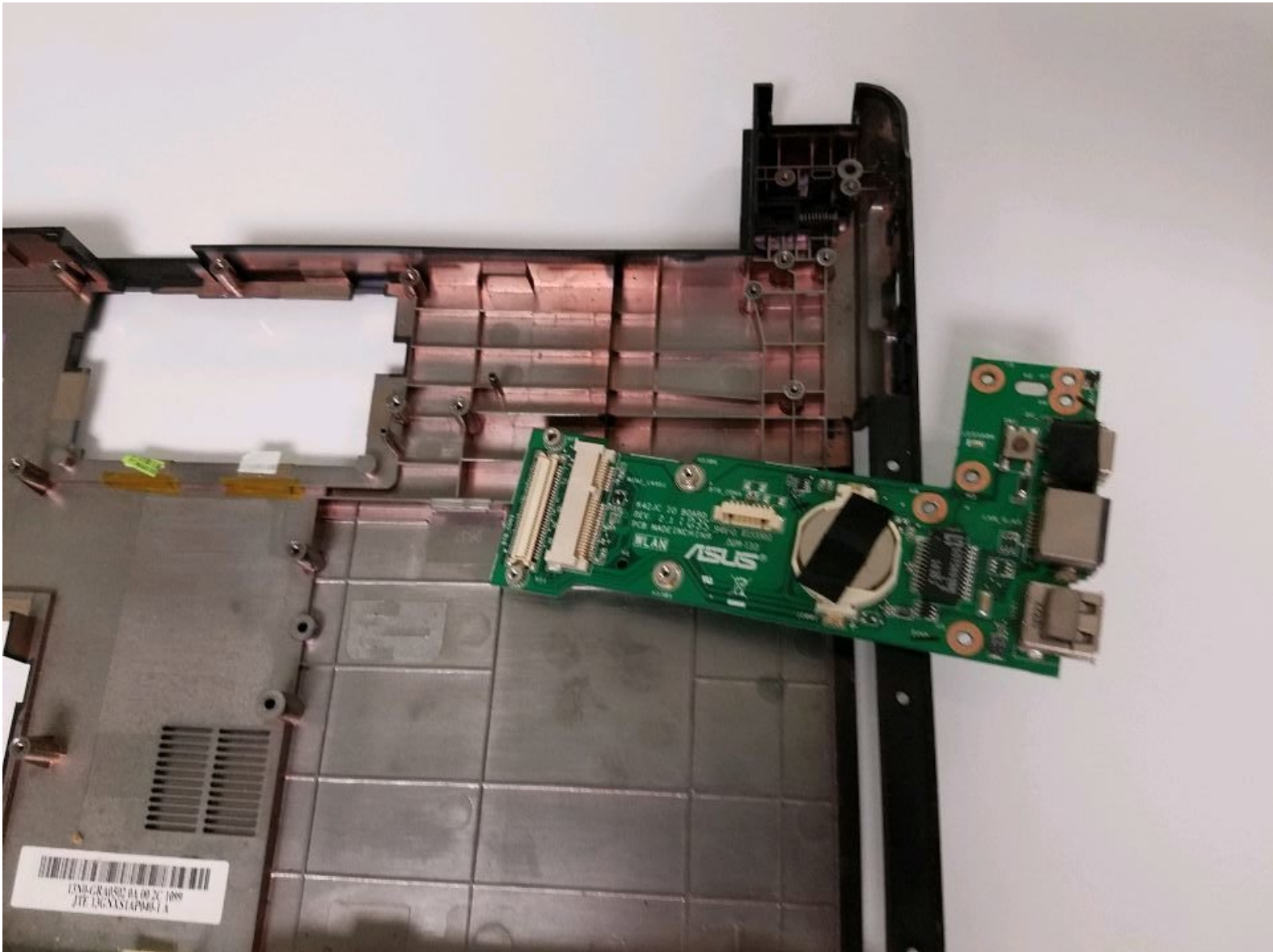




ASUS X42J IO Board Replacement

How to remove and replace the IO board, which contains the a USB, ethernet, and power ports.

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INTRODUCTION

The IO board in the ASUS X42J contains vital ports including power, ethernet, and one USB port. This is the very last thing that can come out of this device, so this will be the most time consuming guide for this device.



TOOLS:

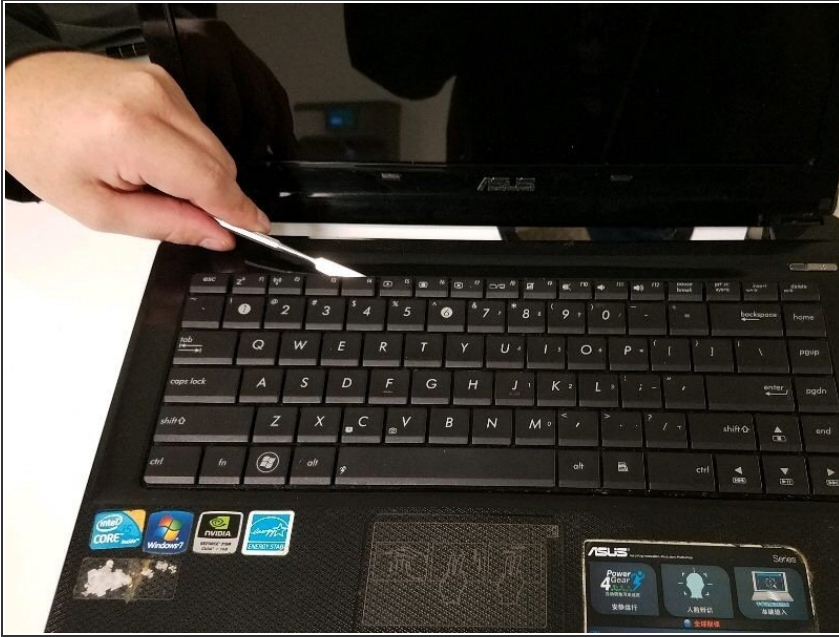
- [Metal Spudger](#) (1)
- [Nylon Tipped Tweezers](#) (1)
- [Phillips #0 Screwdriver](#) (1)



PARTS:

- [IO Board](#) (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



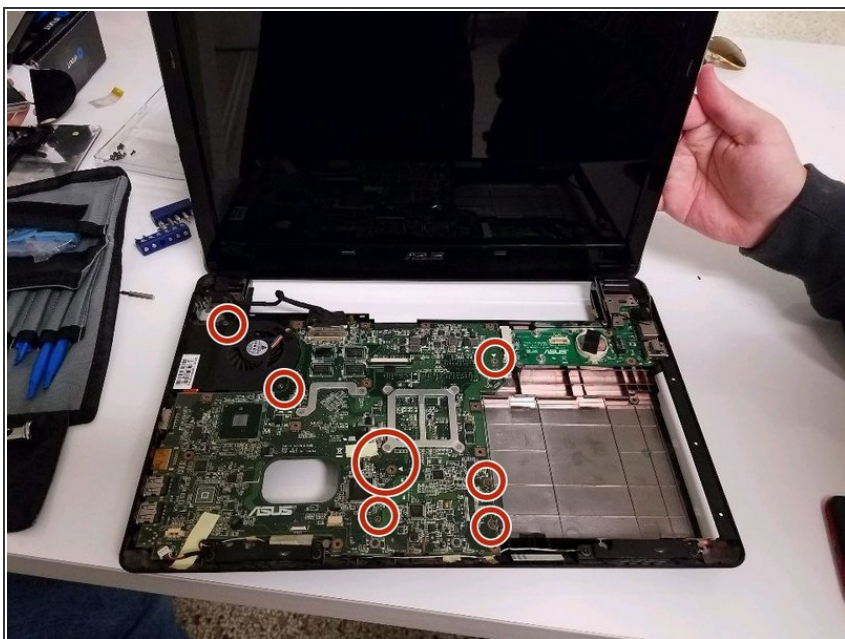
- Rotate the laptop until it is sitting face up and extract all screws exposed by removing the keyboard.

Step 7



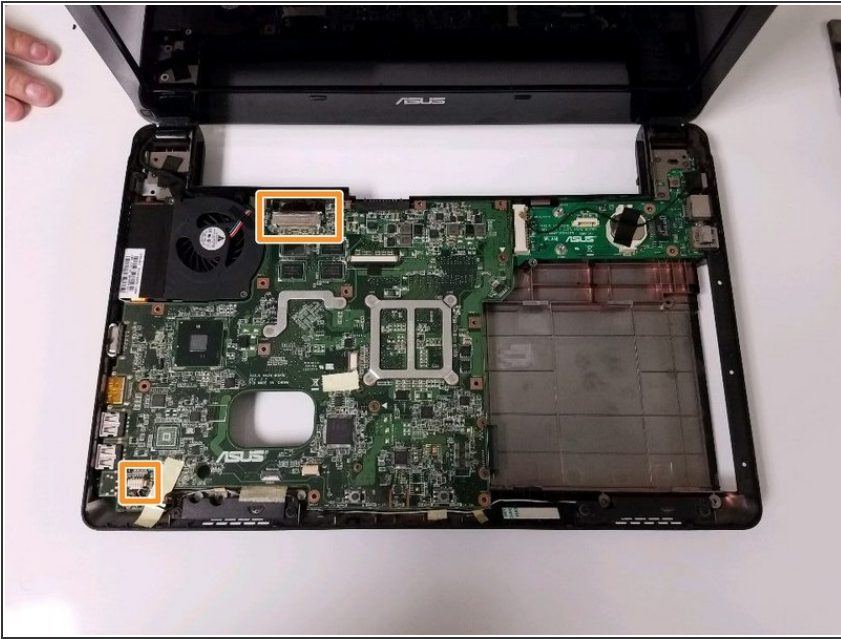
- Pull up on the front panel using the [spudger](#) until the front panel separates from the bottom panel.

Step 8



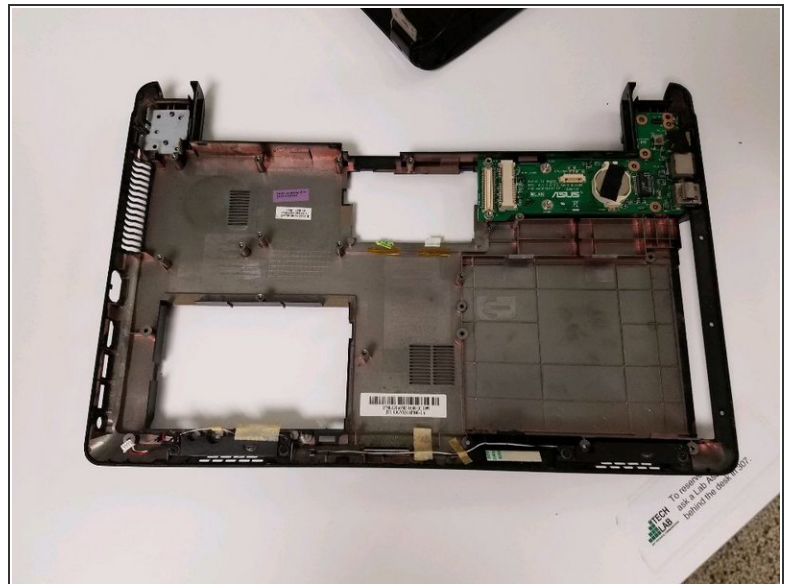
- Unscrew and remove the marked screws.

Step 9



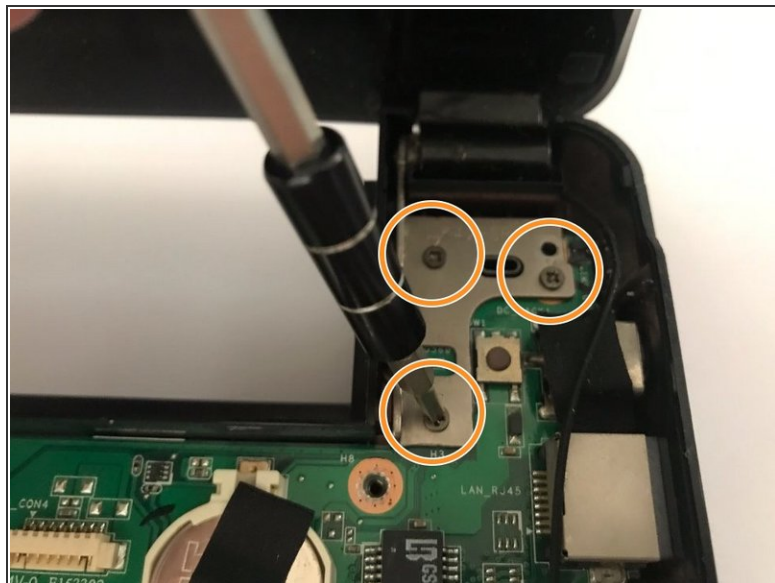
- Separate the connectors.

Step 10



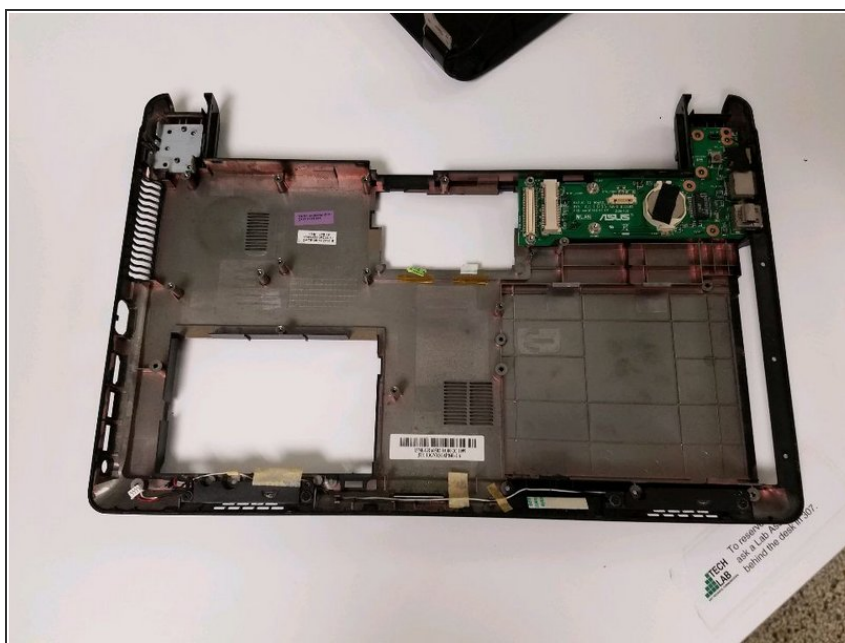
- Remove the motherboard from the device.

Step 11 — IO Board



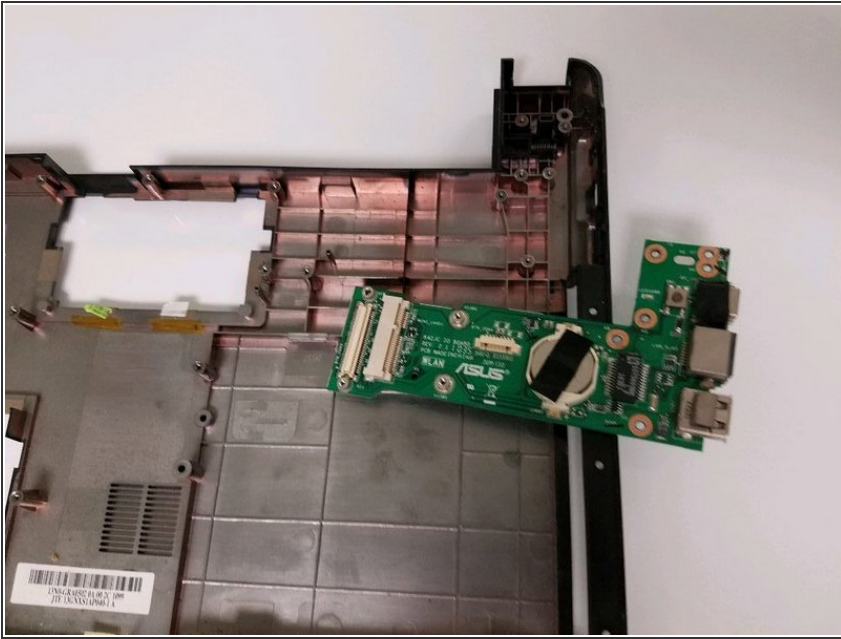
- Remove the tape from the screen connector.
- Remove the screws from the connector.

Step 12



- Pull the screen away from the mount.

Step 13



- Pull the IO board off of the mount.

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