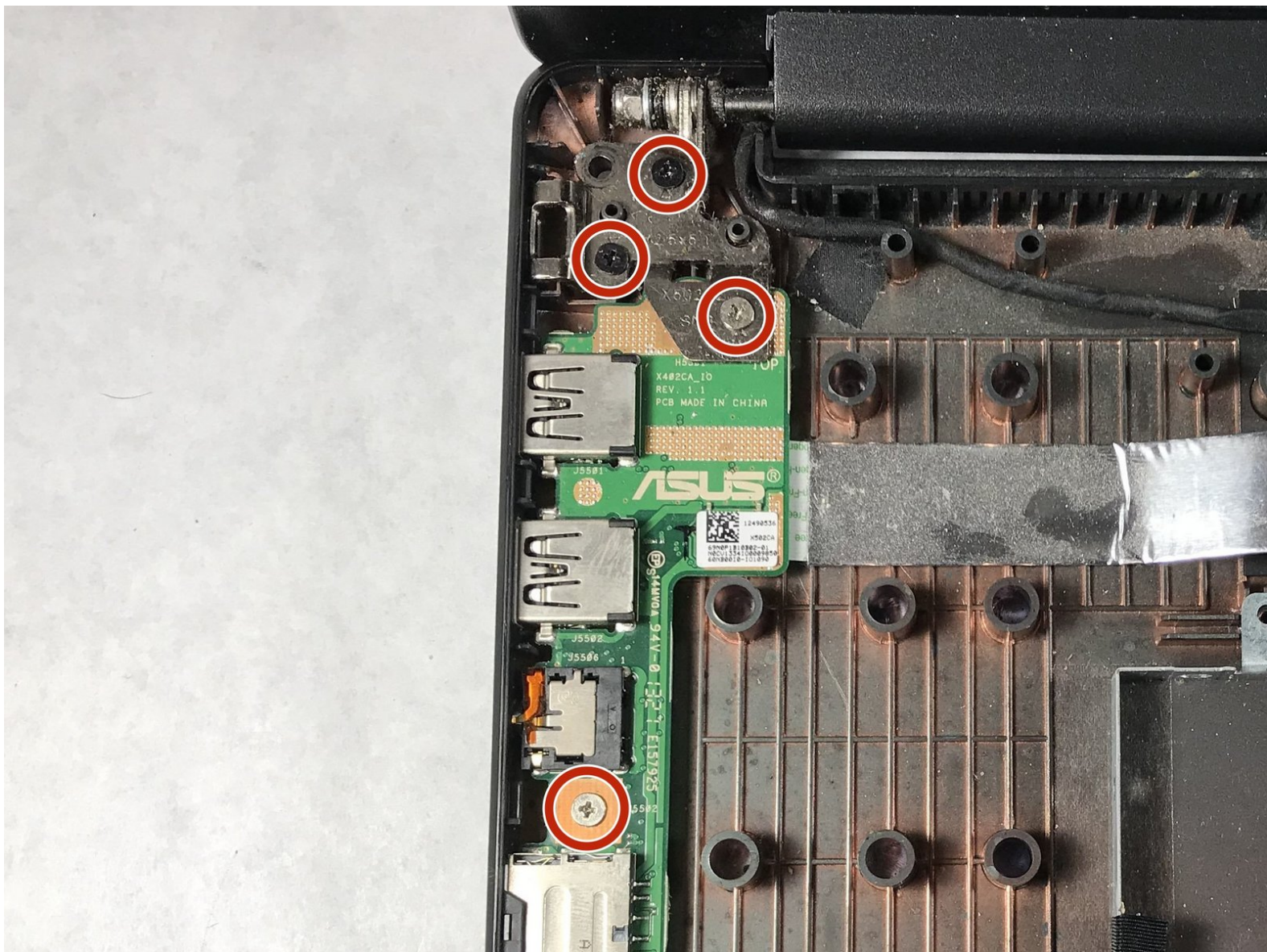




# ASUS X502CA Left I/O Board Replacement

This guide will instruct users step-by-step how to remove and replace the Asus X502CA-HPD1104I-P I/O board.

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## INTRODUCTION

It is possible your Asus's I/O board has stopped working properly due to electrical damage or degradation over time. A replacement board may be the proper fix, after purchasing a new board follow the guide below to replace the old I/O board.



### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Palm Rest with Keyboard and Touch Pad



- Use the Phillips #00 screwdriver to remove the seven 90mm screws.
- Use the Phillips #00 screwdriver to remove the four 50mm screws.

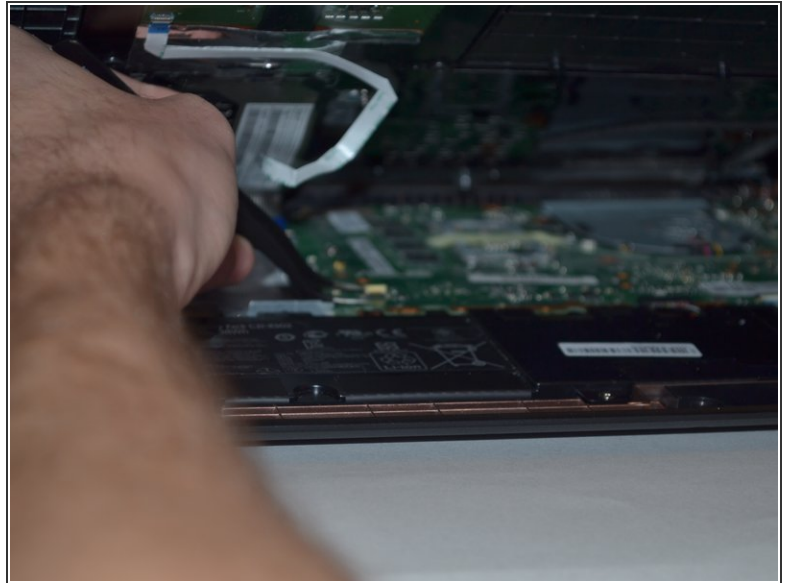
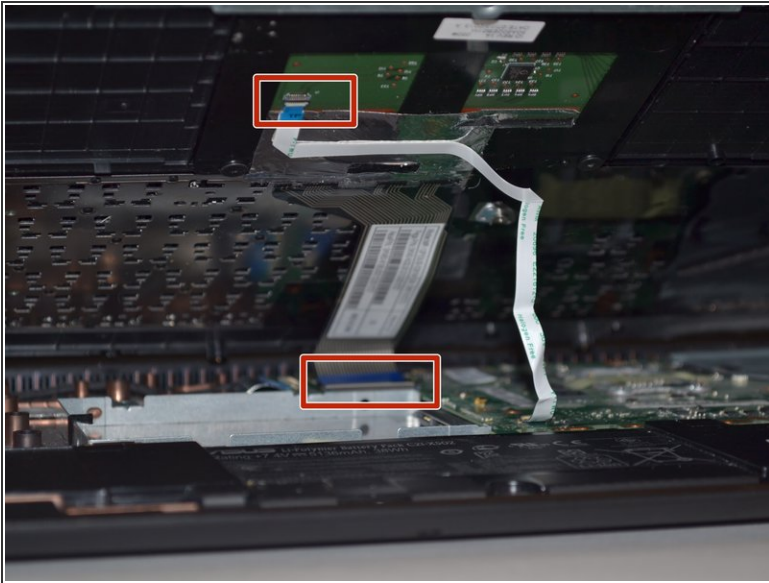
## Step 2



- Next, use the plastic opening tool to carefully pop off the keyboard cover panel.
- ⚠ Be cautious when pulling off the cover because there are cables you will have to disconnect before completely removing the panel.



### Step 3



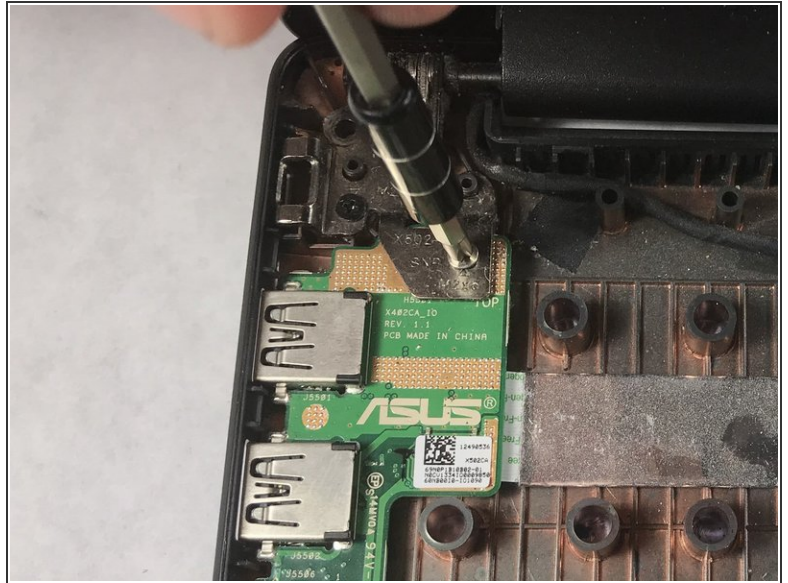
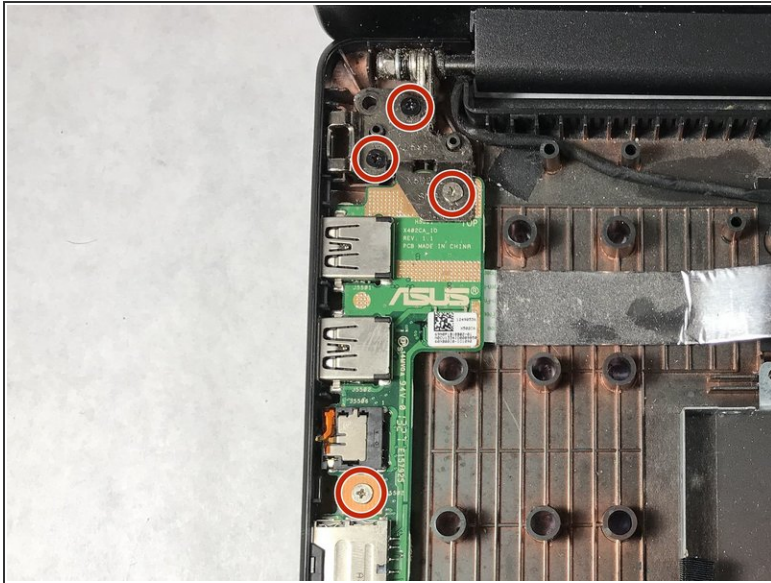
- Lift palm rest and unplug keyboard cable and touchpad cable using tweezers. After these two cables have been unplugged you can remove the keyboard cover panel.

### Step 4



- Lift Palm Rest away.
- Replace with new palm rest.

## Step 5 — Left I/O Board



- Locate the I/O board on the left of the computer. Using the Phillips #0 screwdriver, unscrew the three 5mm screws to unhinge the screen, which will free the board allowing it to be removed and replaced.
- ⚠ Be careful with handling your computer while one side is unhinged; mishandling or over pressuring the other hinge could cause damage to it or the screen.



## Step 6



- Unplug the power strip connecting to the motherboard with your fingers or plastic opening tool.
- ⚠ Make sure the power strip is disconnected before pulling the board out.

## Step 7



- Slightly pull the unhinged screen up to free the board and remove it.

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