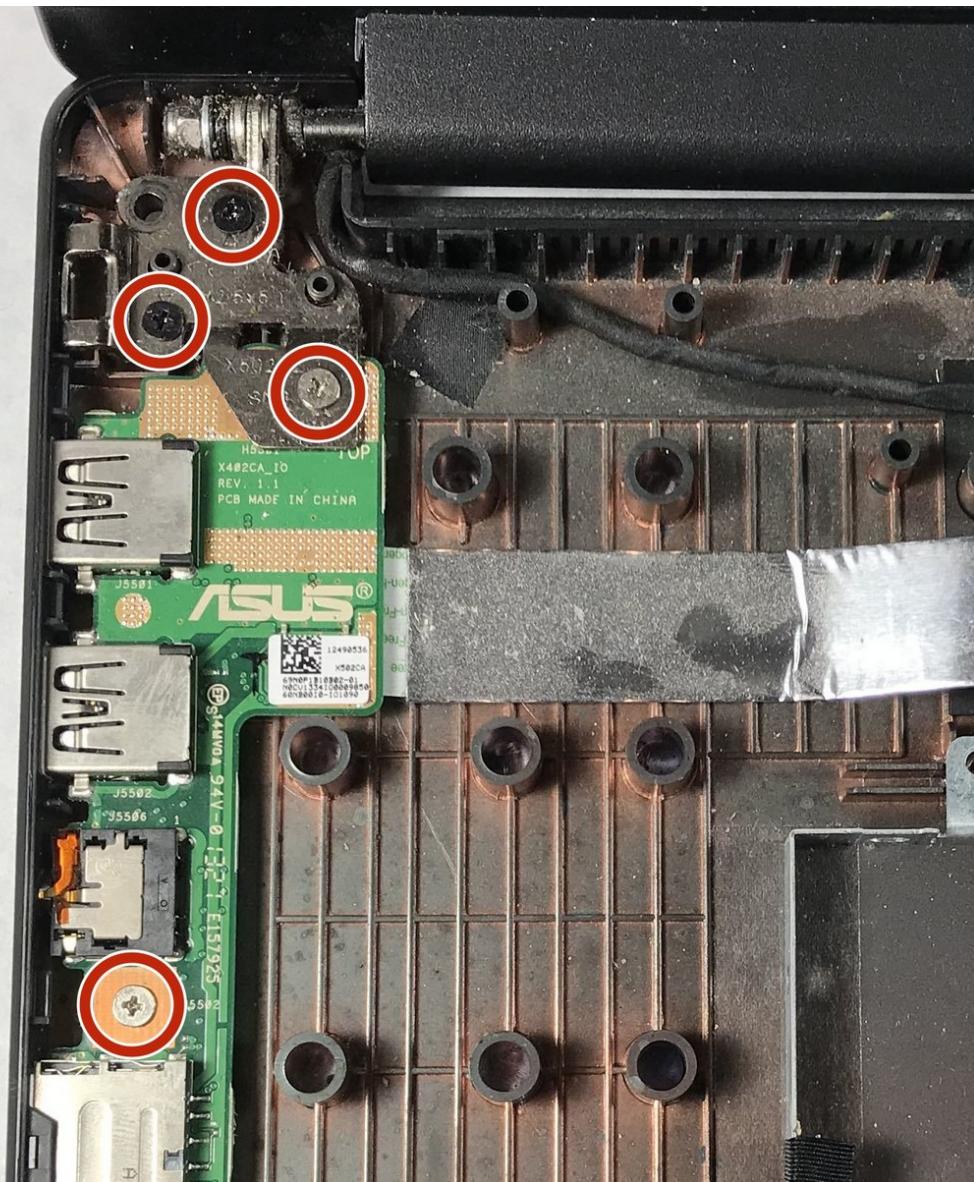




# ASUS X502CA Left I/O Board Replacement

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)

## 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.

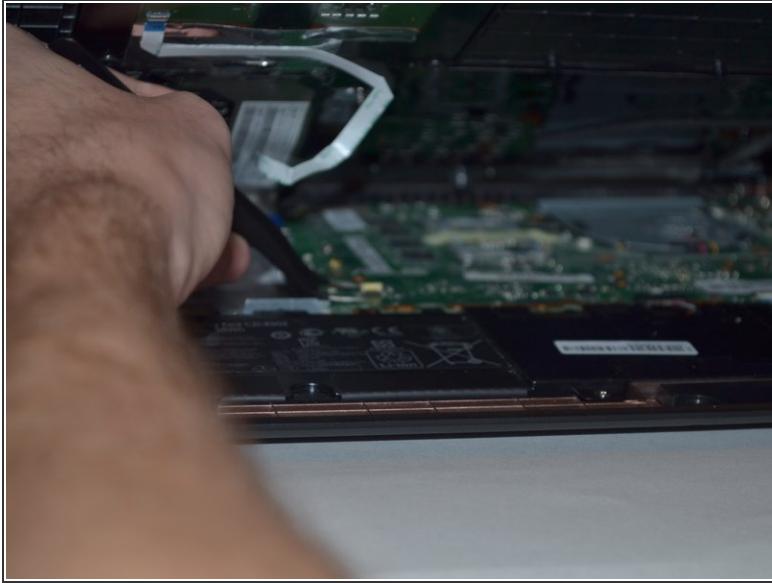
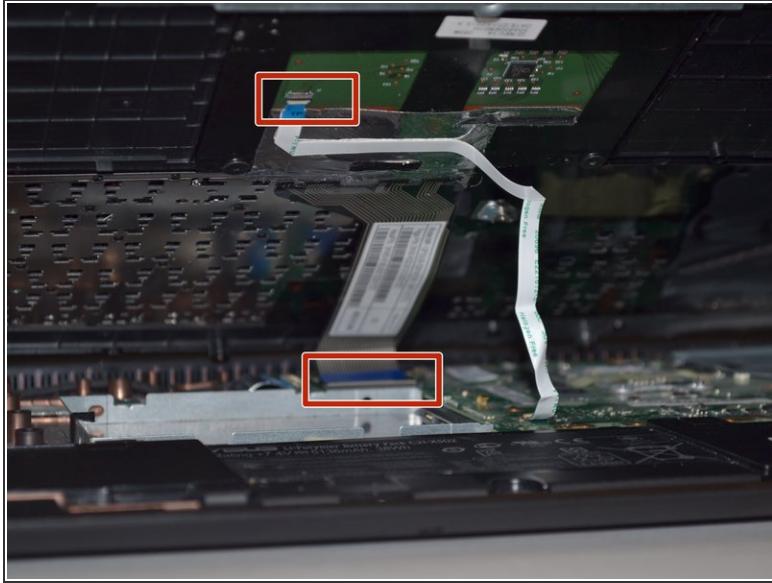
## Step 2



- Next, use the plastic opening tool to carefully pop off the keyboard cover panel.

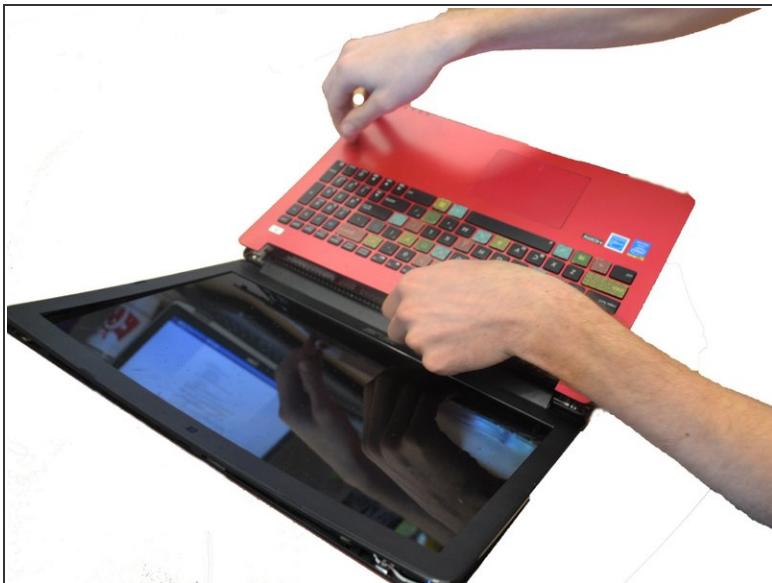
 Be cautious when pulling off the cover because there are cables you will have to disconnect before completely removing the panel.

## Step 3



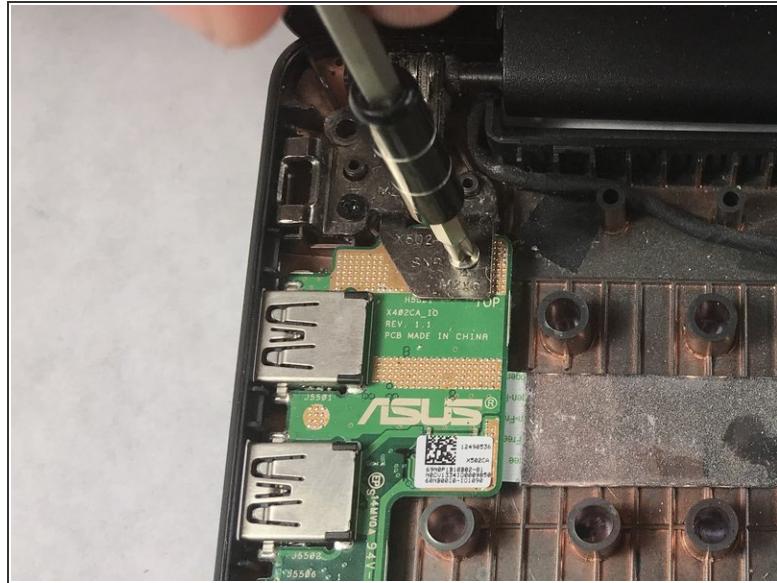
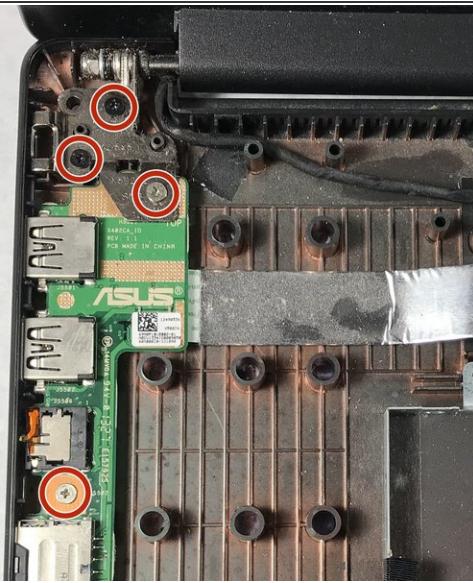
- Lift palm rest and unplug keyboard cable and touchpad cable using tweezers. After these two cables have been unplugged you can remove the keyboard cover panel.

## Step 4



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

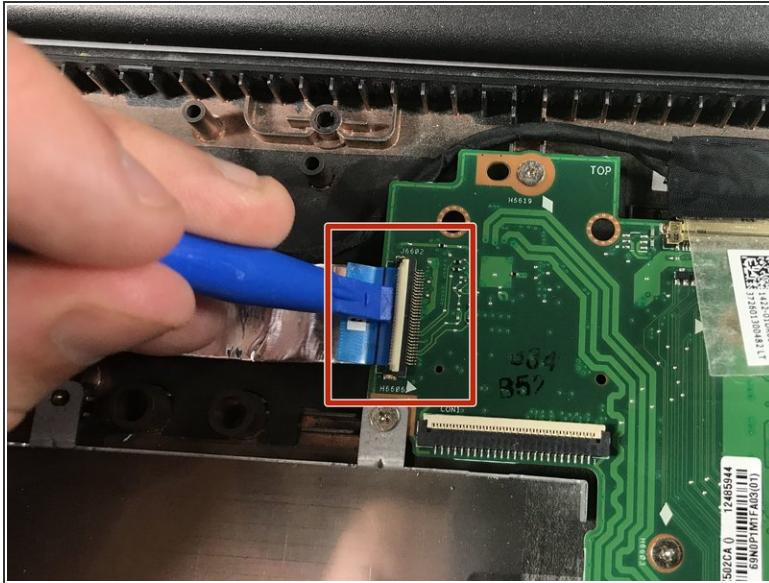
## Step 5 — Left I/O Board



- 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.

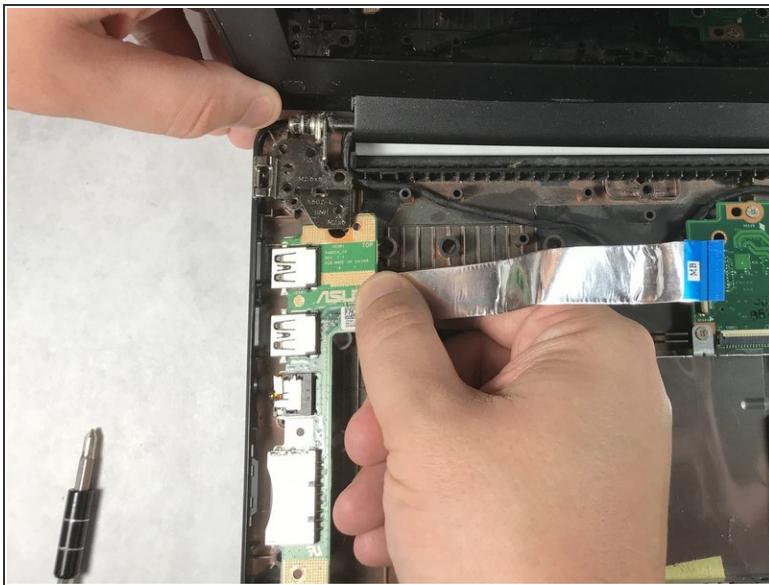
**⚠** Be careful with handling your computer while one side is unhinged; mishandling or over pressuring the other hinge could cause damage to it or the screen.

## 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.