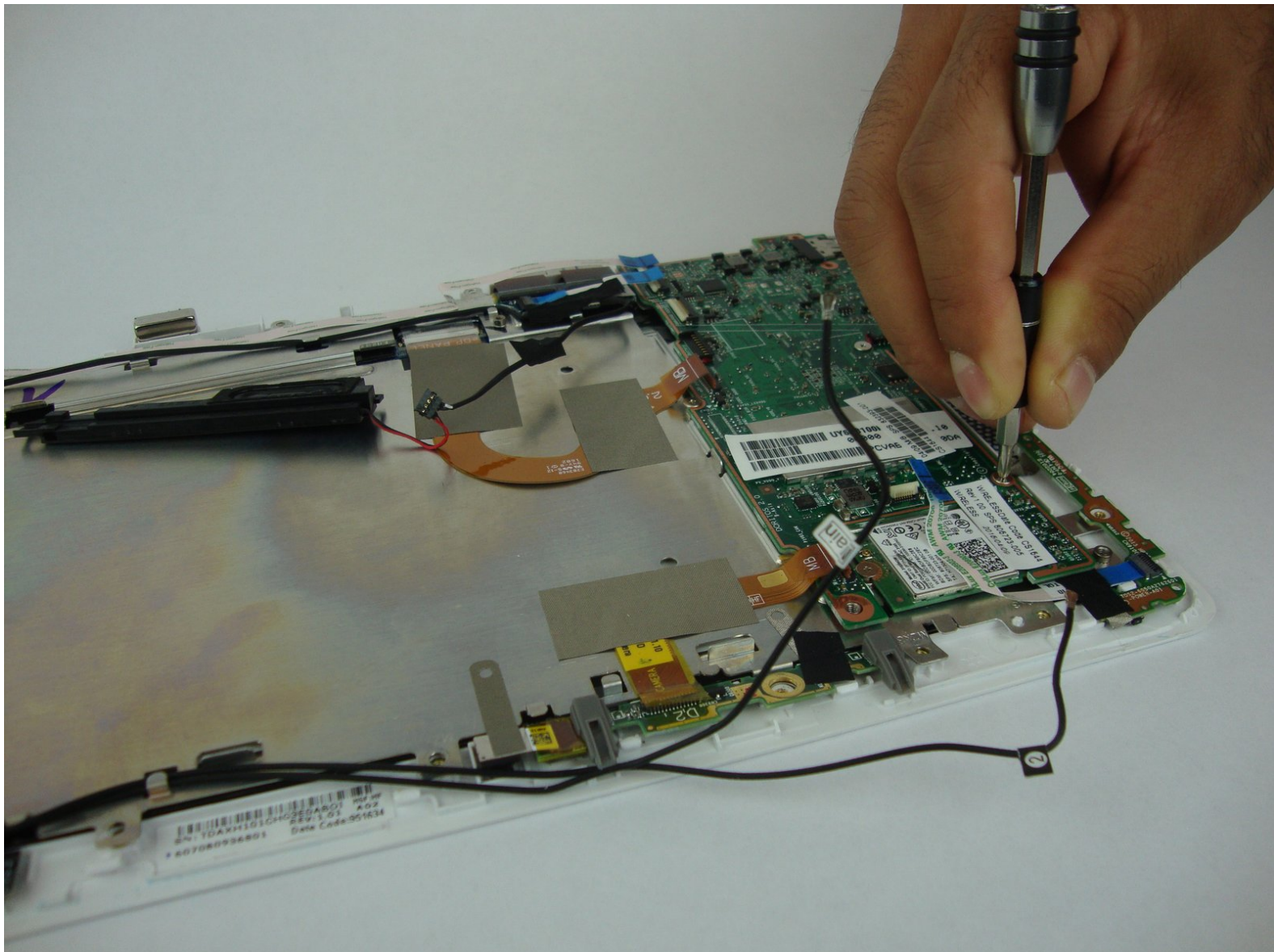




# HP Pavilion x2 10-n113dx Mainboard Replacement

How to disassemble the HP Pavilion X2 laptop to remove mainboard to be able to replace it.

Written By: David Zambrano



## INTRODUCTION

The mainboard (also called motherboard, system board, main circuit board, etc.) is the part of a computer that allows for the connection and communication between the many other components. Mainboards are usually flat and green, and have important components like the CPU, memory, and peripherals attached. A damaged or malfunctioning mainboard's common symptoms are failure to boot, blue screen errors, randomly freezing, screen or audio failure, connected devices failure, and hardware failure.

If your HP Pavilion x2 10-n113dx laptop is experiencing these symptoms, this is a good time to replace its mainboard. This guide provides a walk-through of the steps needed to expose the mainboard to replace it with a new one.

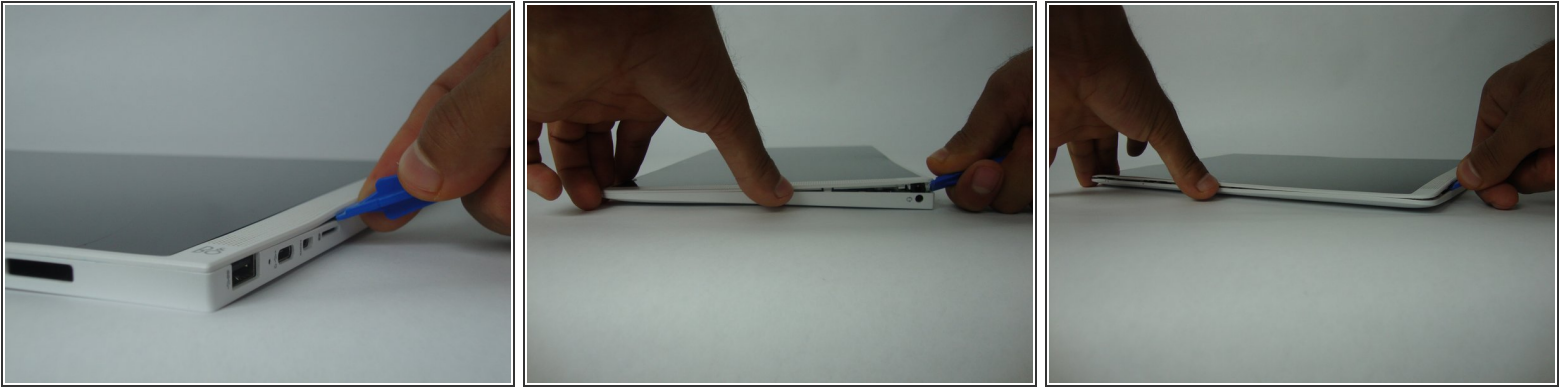
There is no specific training required before executing the guide. Please turn off your laptop before starting and be careful when doing each step to avoid any damages to other electronic parts. Make sure you have all the necessary tools and 15 to 20 minutes to get this done.




### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Precision Tweezers Set](#) (1)
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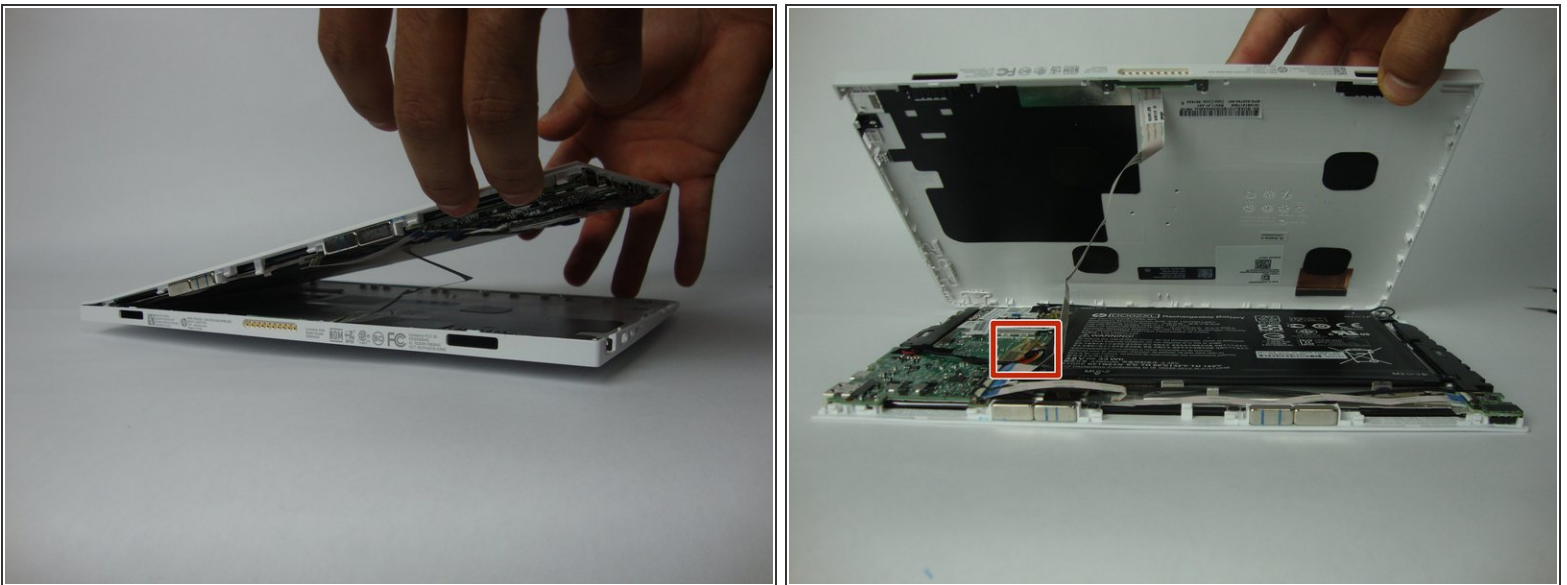
## Step 1 — Battery




 Before starting, please turn off your laptop.

- Using the blue plastic opening tool or a flat bladed tool, carefully slide the blade in between the display panel and gently slide to prop open the assembly.

## Step 2

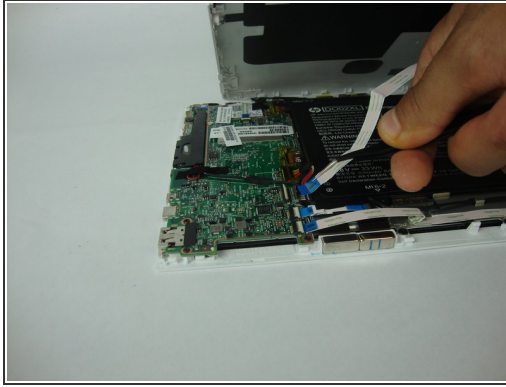
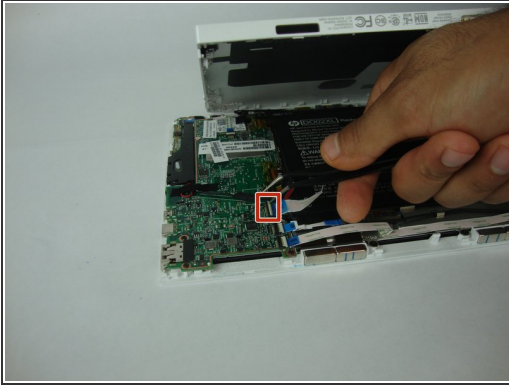


- Gently lift and remove the display panel from the assembly.
- Remove the translucent yellow tape that covers the battery connector on the mainboard.

 The tape will be in the way for a future step.

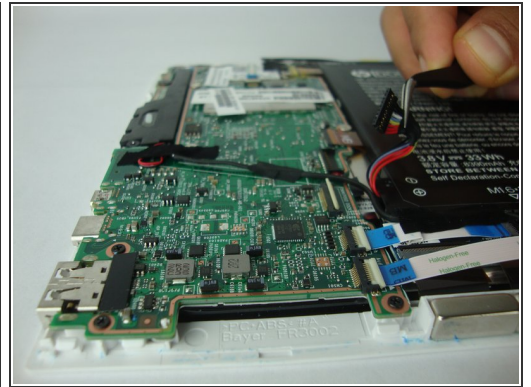
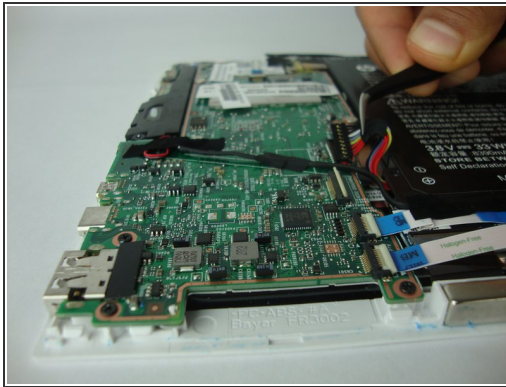
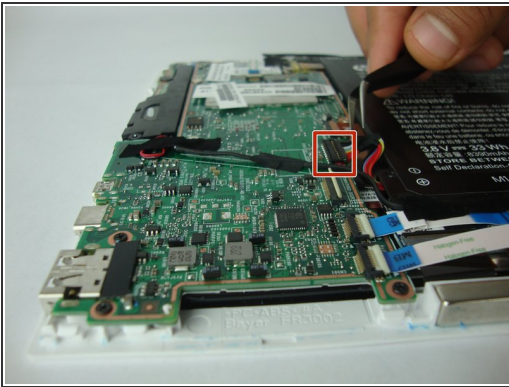


## Step 3



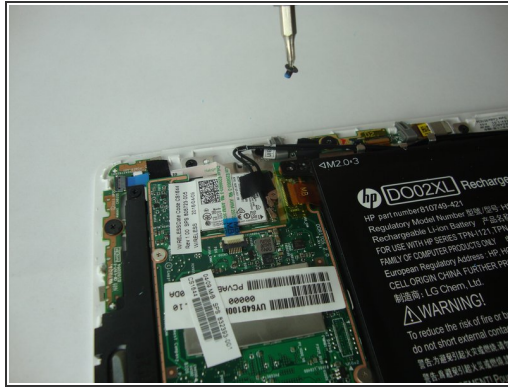
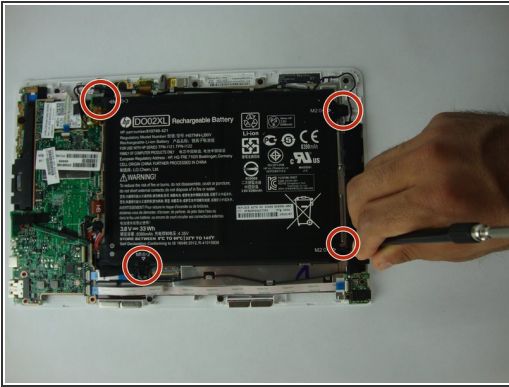
- Flip up the small white colored locking flap using the tip of a spudger or your fingernail. Then the ribbon cable can be removed easily without much effort.
- Carefully disconnect the white ribbon cable from the mainboard.

## Step 4



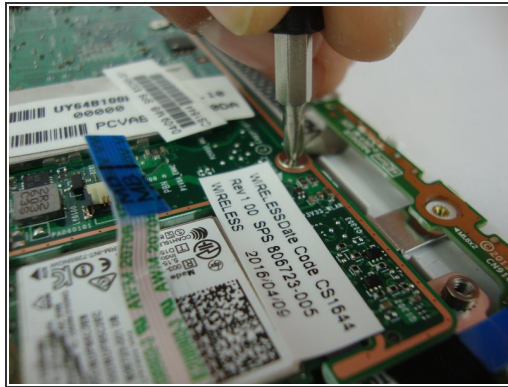
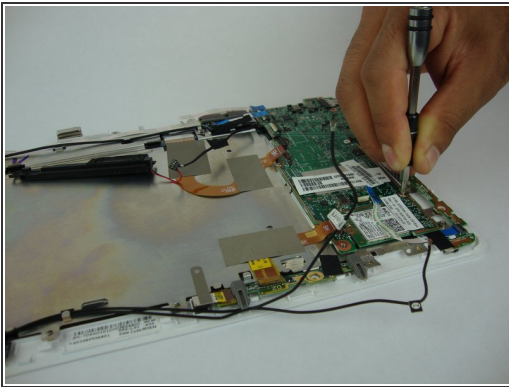
- Carefully disconnect the battery cable from its connector on the mainboard.

## Step 5



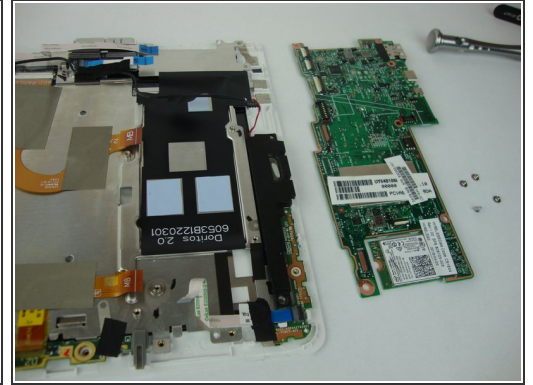
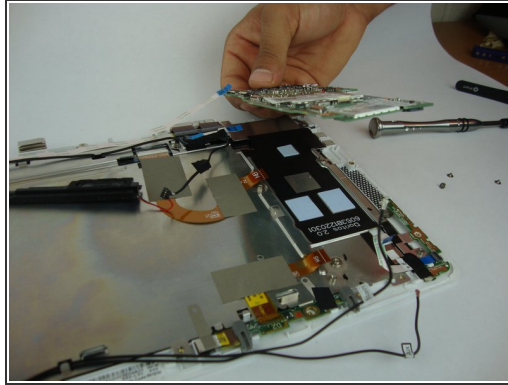
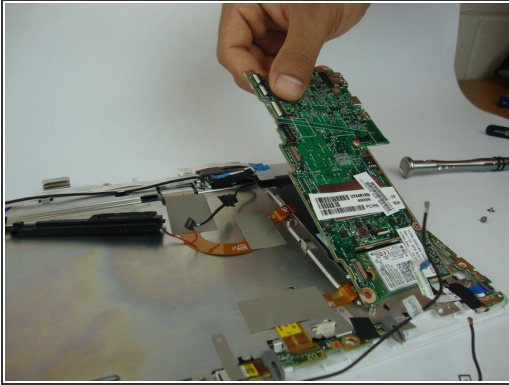
- Using the Phillips #0 screwdriver, carefully remove the 4 corner screws that hold the battery to the display panel.
- ❗ 3 screws are 3.12 mm head, 2.40 mm length, and 1 screw is 5.85mm head, 2.5mm length.
- Remove the battery from the device.

## Step 6 — Mainboard



- To unscrew the mainboard use the Phillips #0 Screwdriver to remove two types of screws. Three 4.15mm head, 2.35mm in length screws and three 3.32mm head, 3.99mm in length screws

## Step 7



- Remove mainboard.

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