HP Pavilion x360 m1-u001dx System Board (Motherboard) Replacement

This guide will explain how to replace the System Board (Motherboard) on a HP Pavilion x360 m1-u001dx.

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INTRODUCTION

If your laptop does not turn on or USB ports are malfunctioning, the system board may need to be replaced. To replace the system board, you will need to know how to use a screwdriver. Small parts (screws) may be a swallowing hazard for young children; keep all parts in a secure location.

TOOLS:

- Metal Spudger (1)
- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)
- Heavy-Duty Spudger (1)

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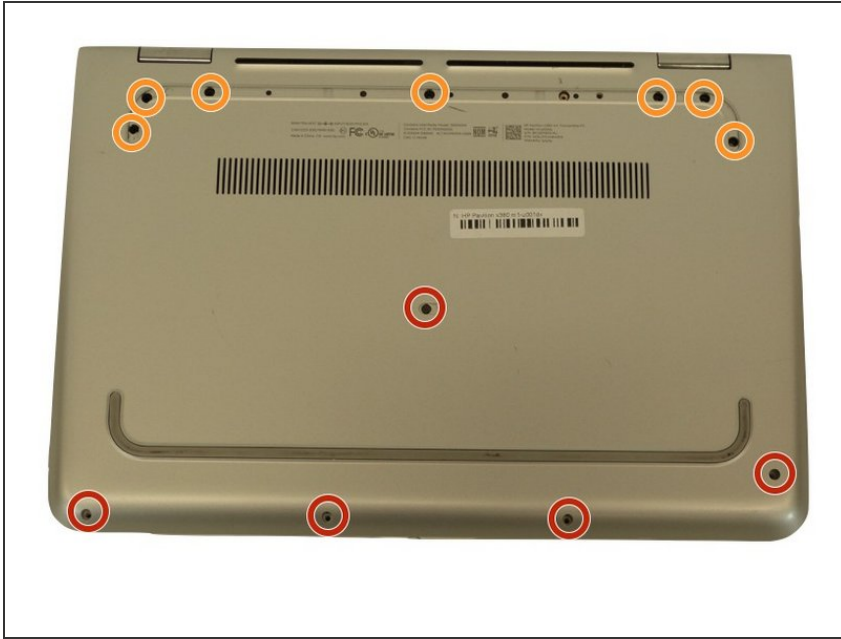
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Step 1 — Keyboard

- Power off your device and disconnect all external devices connected to the laptop.

- ⚠️ Working on your device while it is powered on may cause damage to the laptop or result in electric shock.
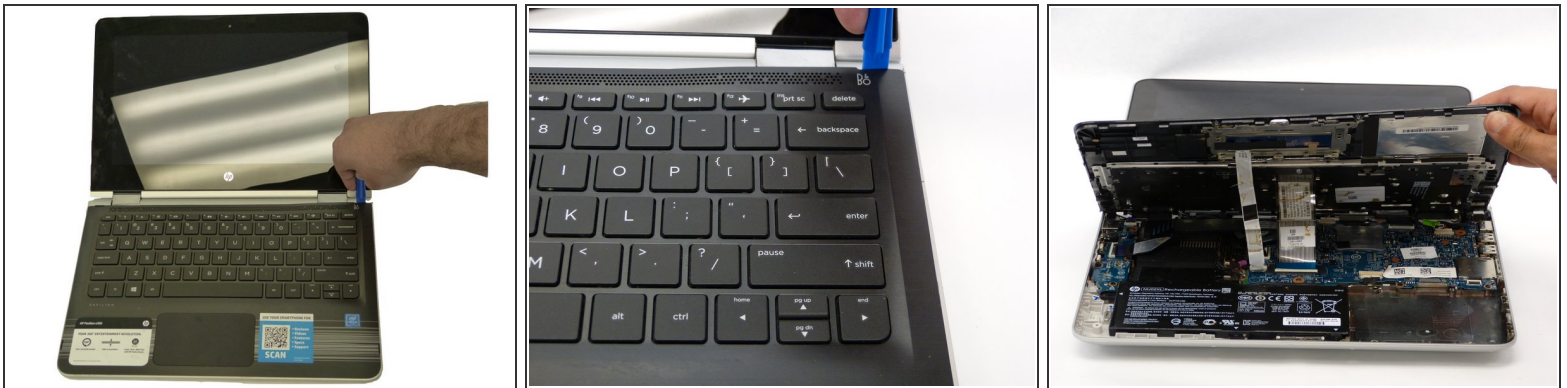
Step 2

- Flip the laptop over and remove the rubber foot with a Metal Spudger.

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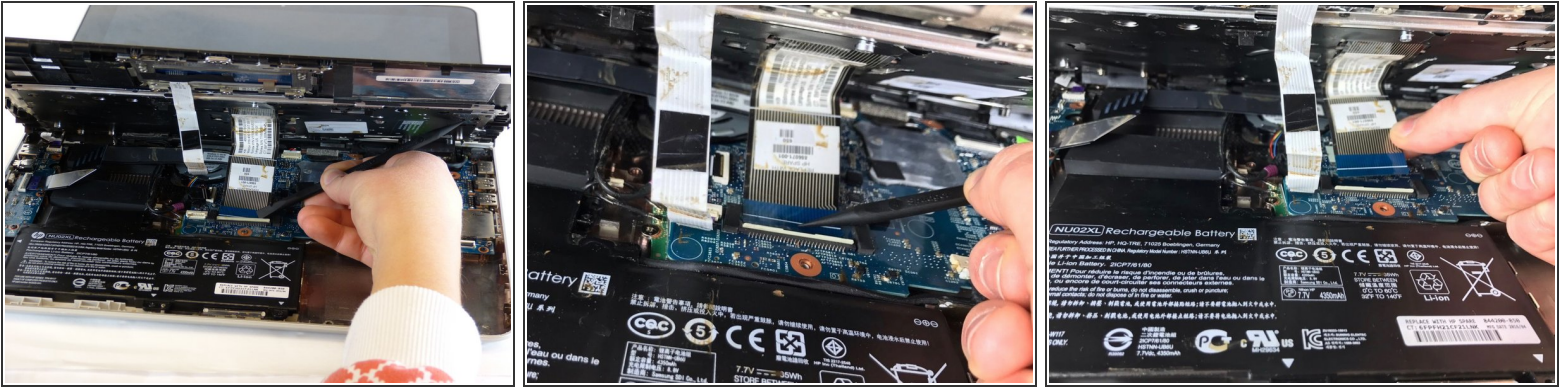
Step 3

- Remove the screws from the bottom of the laptop with a Phillips 00 Screwdriver.

- 5 Phillips 2.4 x 5.7 mm screws

- 7 Phillips 2.0 x 5.0 mm screws

- (i) Keep the different sized screws separate for future replacement.
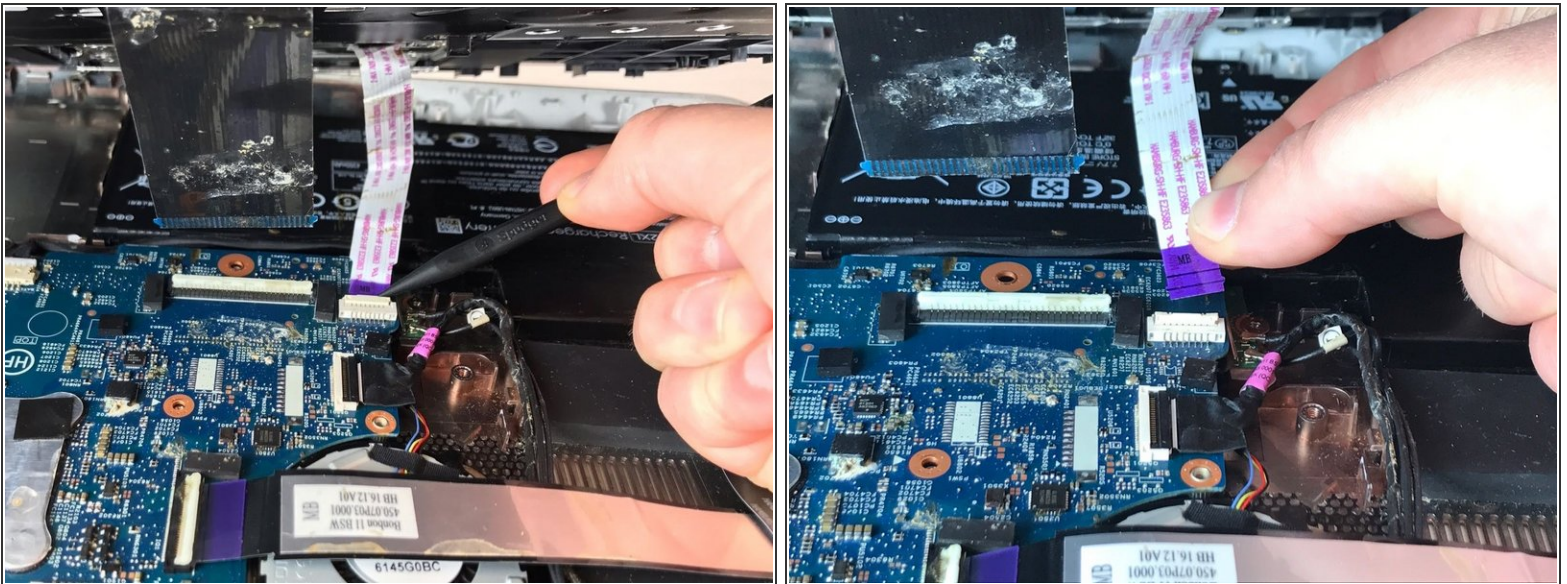
Step 4

- Flip the laptop back over and open it; the keyboard should be facing upwards.

- Using the Plastic Opening Tool, separate the keyboard from the base of the laptop.

- ⚠ The keyboard is connected to the motherboard with cable ribbons, so be very gentle and careful when lifting the keyboard.

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Step 5

- Raising the keyboard, disconnect the first of two cable ribbons with the Heavy-Duty Spudger.

- Gently flip up the white plastic lock connecting the ribbon cable to the motherboard.

- Use the blue plastic tab on the ribbon cable to disconnect the ribbon cable from the lock.
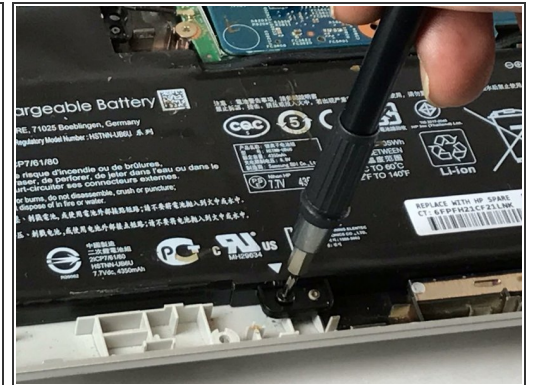
Step 6

- Gently flip up the white plastic lock connecting the second ribbon cable to the motherboard with the Heavy-Duty Spudger.

- Use the blue purple tab on the ribbon cable to disconnect the ribbon cable from the lock.

Step 7

- After the ribbon cables are disconnected, gently lift up the keyboard to disconnect it from the base of the laptop.

Step 8 — Battery

- Remove the screws from the perimeter of the battery with a Phillips 00 Screwdriver.

- 3 Phillips 2.0 x 4.6 mm screws

- (i) Keep the different sized screws separate for future replacement.

Step 9

- Holding the lower right corner, gently lift up the battery to disconnect it from the motherboard.

Step 10 — System Board (Motherboard)

- Remove the screws from the perimeter of the motherboard with a Phillips 00 Screwdriver.

- 8 Phillips 2.0 x 4.7 mm screws.

- ⓘ Keep the different sized screws separate for future replacement.

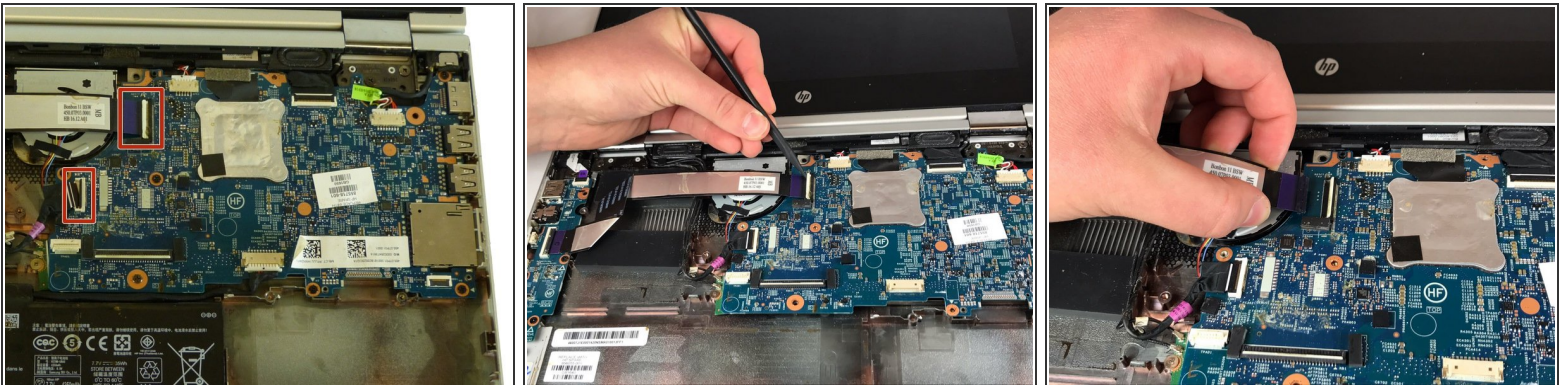This document was generated on 2019-09-20 09:10:59 PM (MST).

Step 11

- Disconnect the 3 bundle cable connectors by gently gripping the cable wires and pulling outwards.
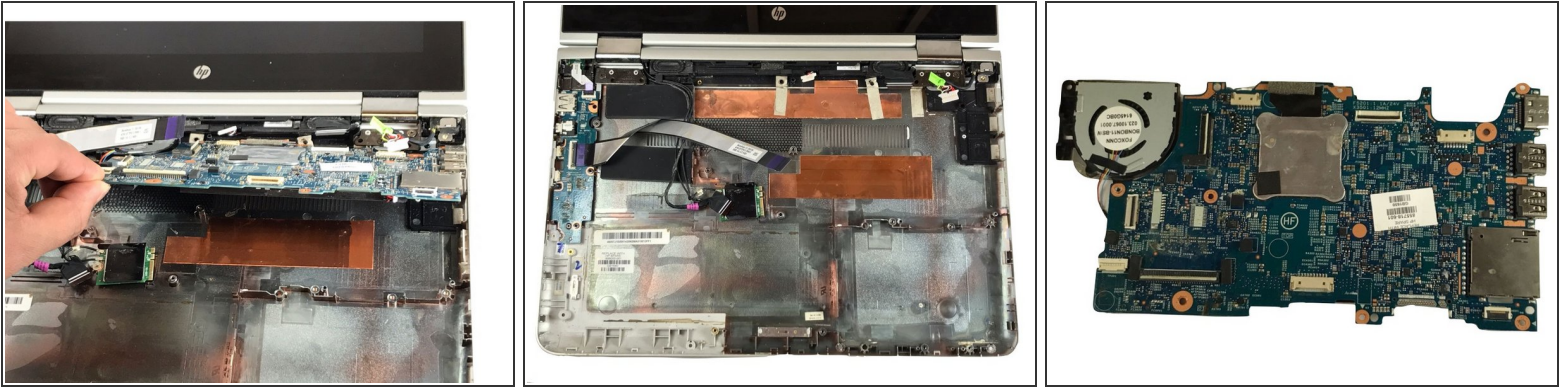
⚠ Be sure to grip each of the cables equally so no single cable is overly strained.

Step 12

- Disconnect the 2 cable ribbons with the Heavy-Duty Spudger.

- Gently flip up the white plastic lock connecting the ribbon cable to the motherboard.

- Use the purple plastic tab on the ribbon cable to disconnect the ribbon cable from the lock.

Step 13

- Gently lift up the motherboard to disconnect it from the computer.

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