HP Elitebook 820 G1 Monitor Display Replacement

This guide instructs on how to replace a monitor display.

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INTRODUCTION

Displays can get easily damaged either with time, or with any liquids or impacts.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Phillips #00 Screwdriver (1)
- T7 Torx Screwdriver (1)
- Phillips #0 Screwdriver (1)

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Step 1 — Battery

⚠️ Ensure the laptop is completely powered off and power adapter is unplugged before removing the battery.

● Turn over laptop so that the bottom is showing.

● Unlock the latch.

Step 2

● Remove the back cover and you will then be able to see the battery.

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Step 3

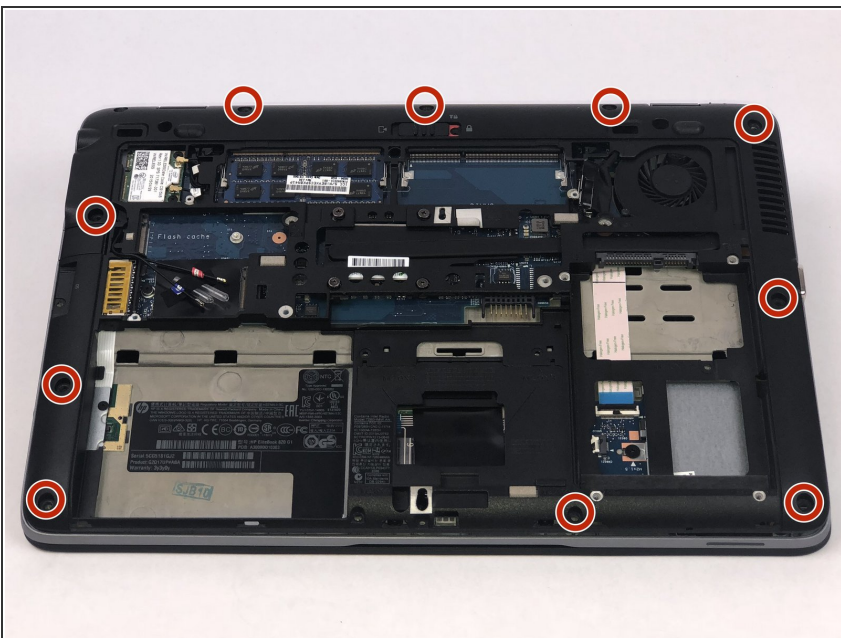- Unlatch the two latches securing the battery in the case.

Step 4

- Use a plastic opening tool to lift and remove the battery.
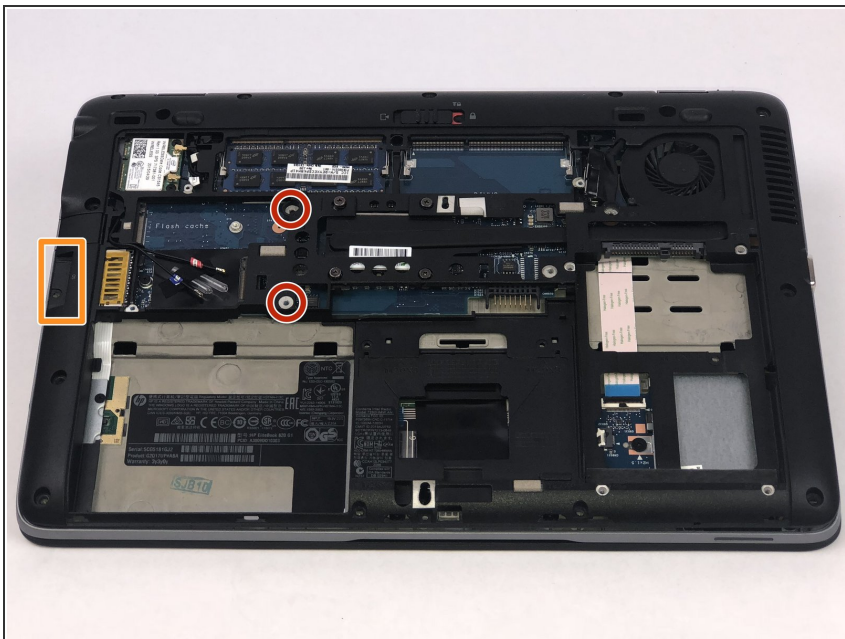
Step 5 — Fan

- Remove the hard drive by unscrewing the four 8mm screws with the T7 philip's head.
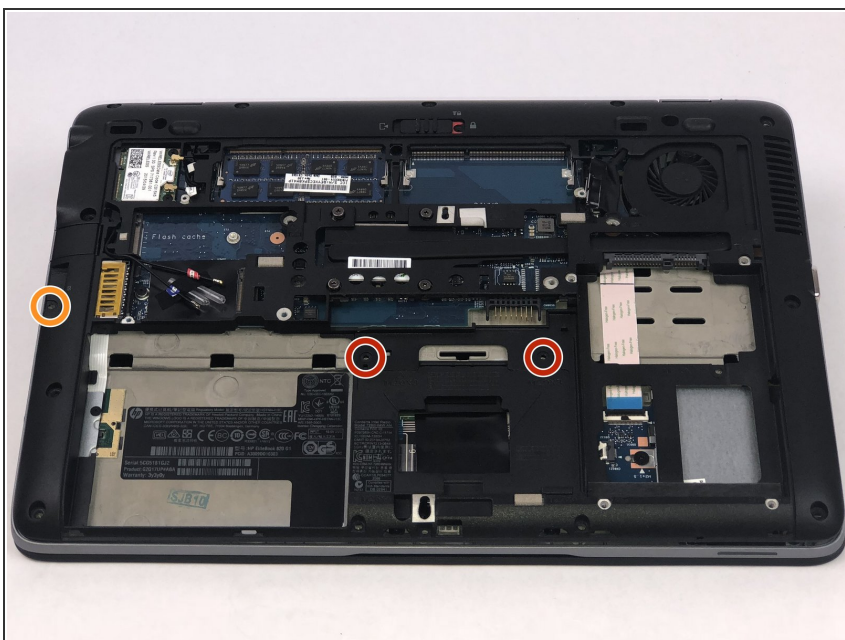
Step 6

- Pry off ten rubber paddings on the outer edge of the laptop to reveal the torx screws.

- Unscrew the ten 8mm torx screws that are under the rubber paddings using the T7 tip torx screwdriver.

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Step 7

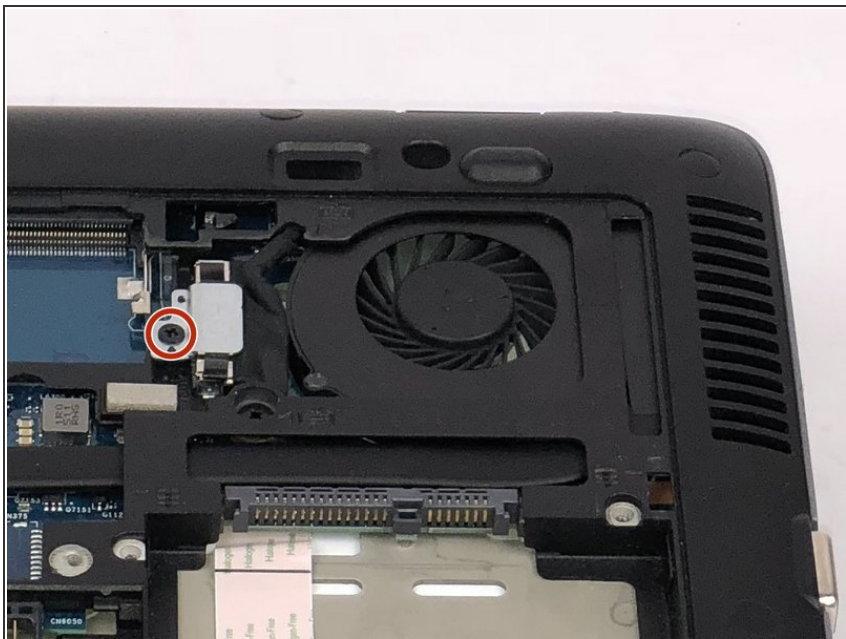
- Remove the two 4mm screws indicated by the M2.5X4 using the J00 tip screwdriver.

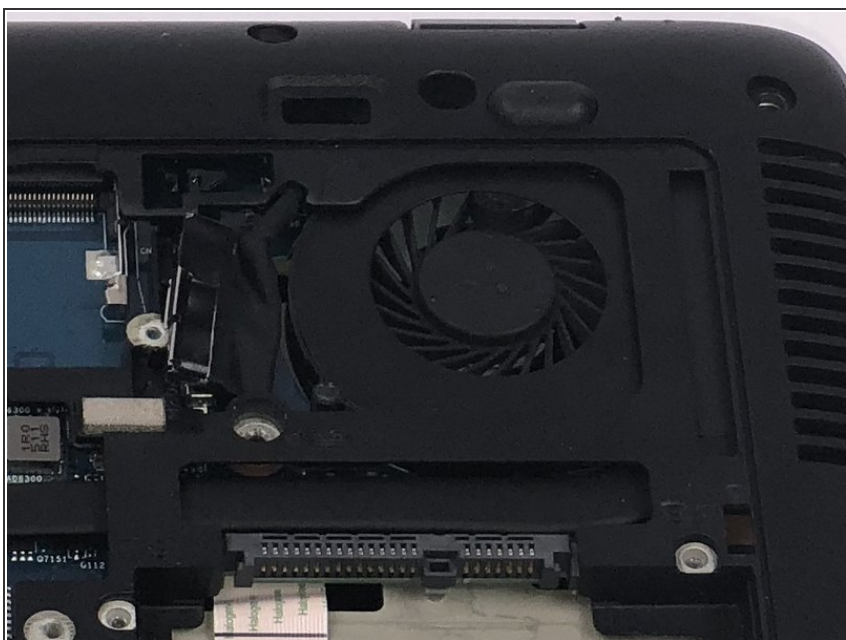- Remove SD card cap by just sliding out to reveal one screw.

Step 8

- Remove the two 3mm screws indicated by the M2.03 using the J00 tip screwdriver.

- Remove the 4mm SD card screw using the J00 tip.

Step 9

- ● Remove the one 4mm fan screw using the J00 tip screwdriver.

- ● Remove screw and metal plate to expose ribbon cable connector.

Step 10

- ● Use an opening tool to pry up the ribbon connector to disconnect.
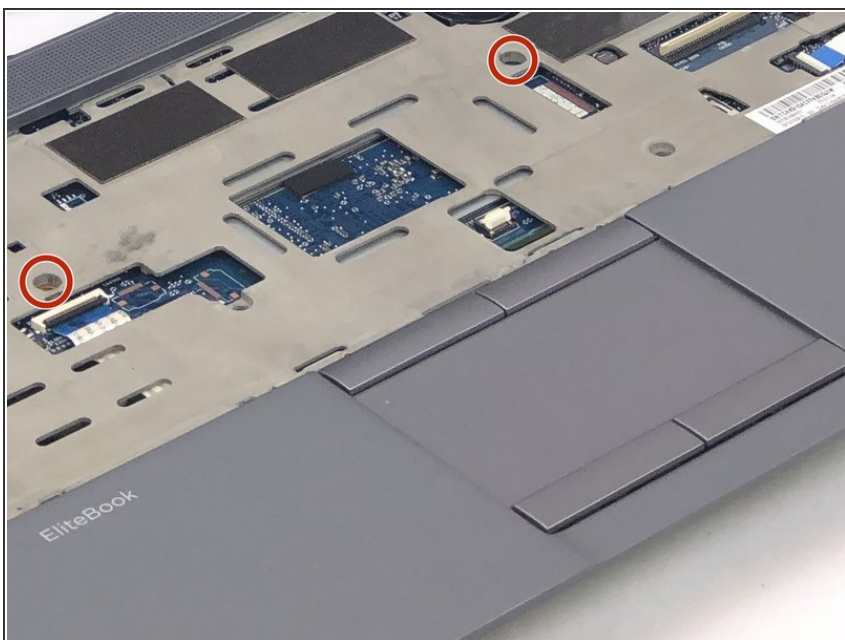
Step 11

- Turn laptop over back to normal position as shown in the image.

- Use opening tools to pry up keyboard.

- (i) When prying up keyboard, be sure to start near any corner of the keyboard.

- ⚠ There are two ribbon cables that must be disconnected before fully removing keyboard.
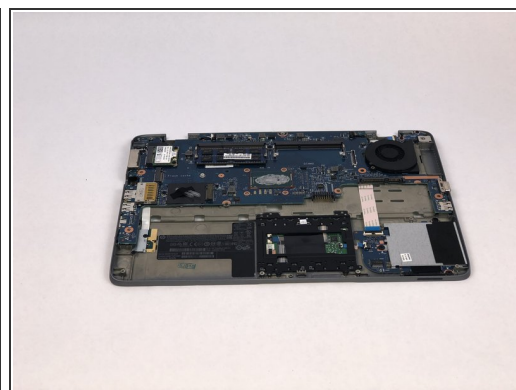
Step 12

- Carefully lift keyboard on one side to expose the two ribbon cables.

- Use an opening tool to lift up the locking clip and unplug the two ribbon cables.
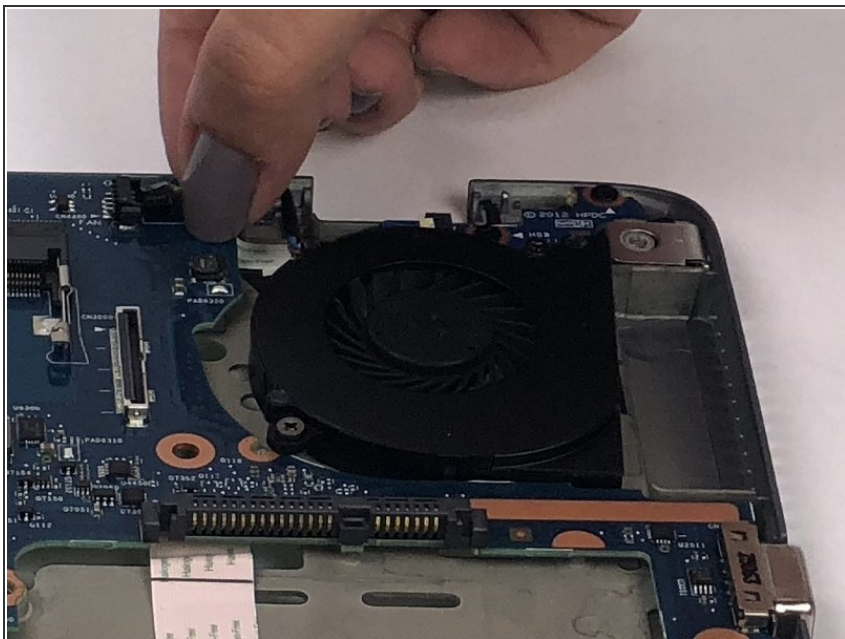
Step 13

- Remove the two 4mm screws centered notated by the keyboard logo using the J00 tip.
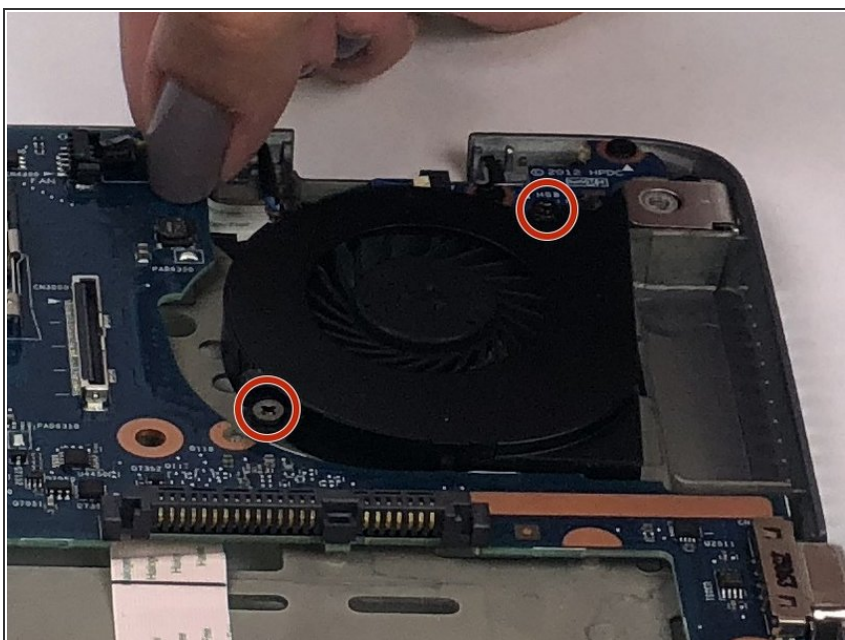
Step 14

- Once keyboard has been fully removed, the system case containing the motherboard can be lifted out easily.

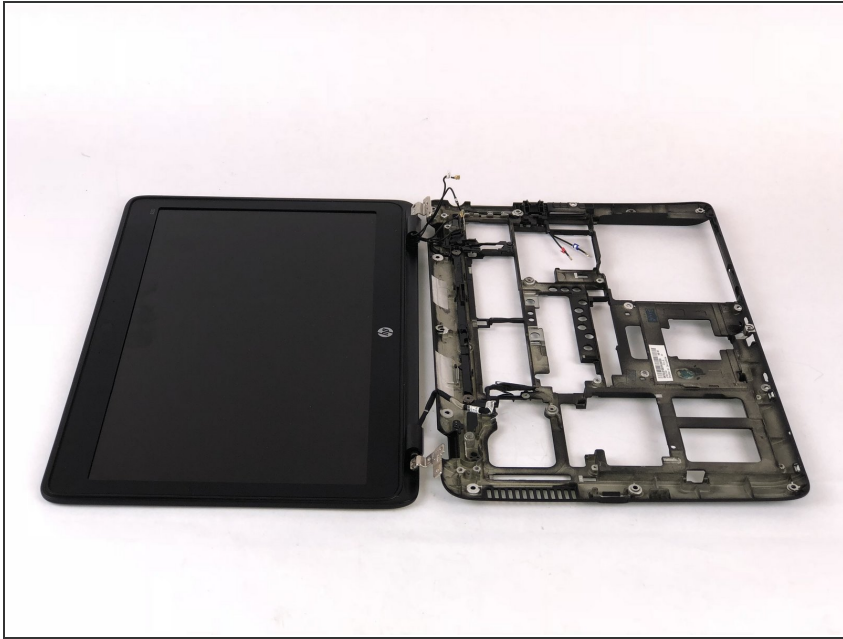- The display is connected to the shell of the laptop.

Step 15

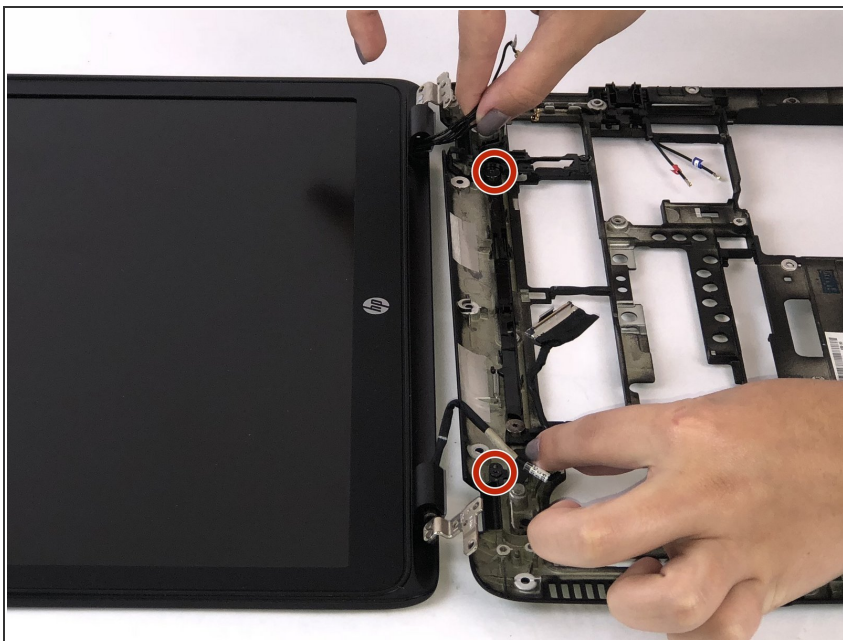

- Unplug fan cable by pulling away from its connector.

Step 16

- Unscrew the two 6mm fan screws using the J00 tip.

- ⓘ Fan screws are encased in springs and cannot be removed.

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Step 17 — Monitor display

- Retrieve the monitor display connected to the plastic chassis.

Step 18

- Unscrew the two 4mm hinge screws using the Philips 00 tip screwdriver.

Step 19

- Unhinge the monitor display from the chassis.

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