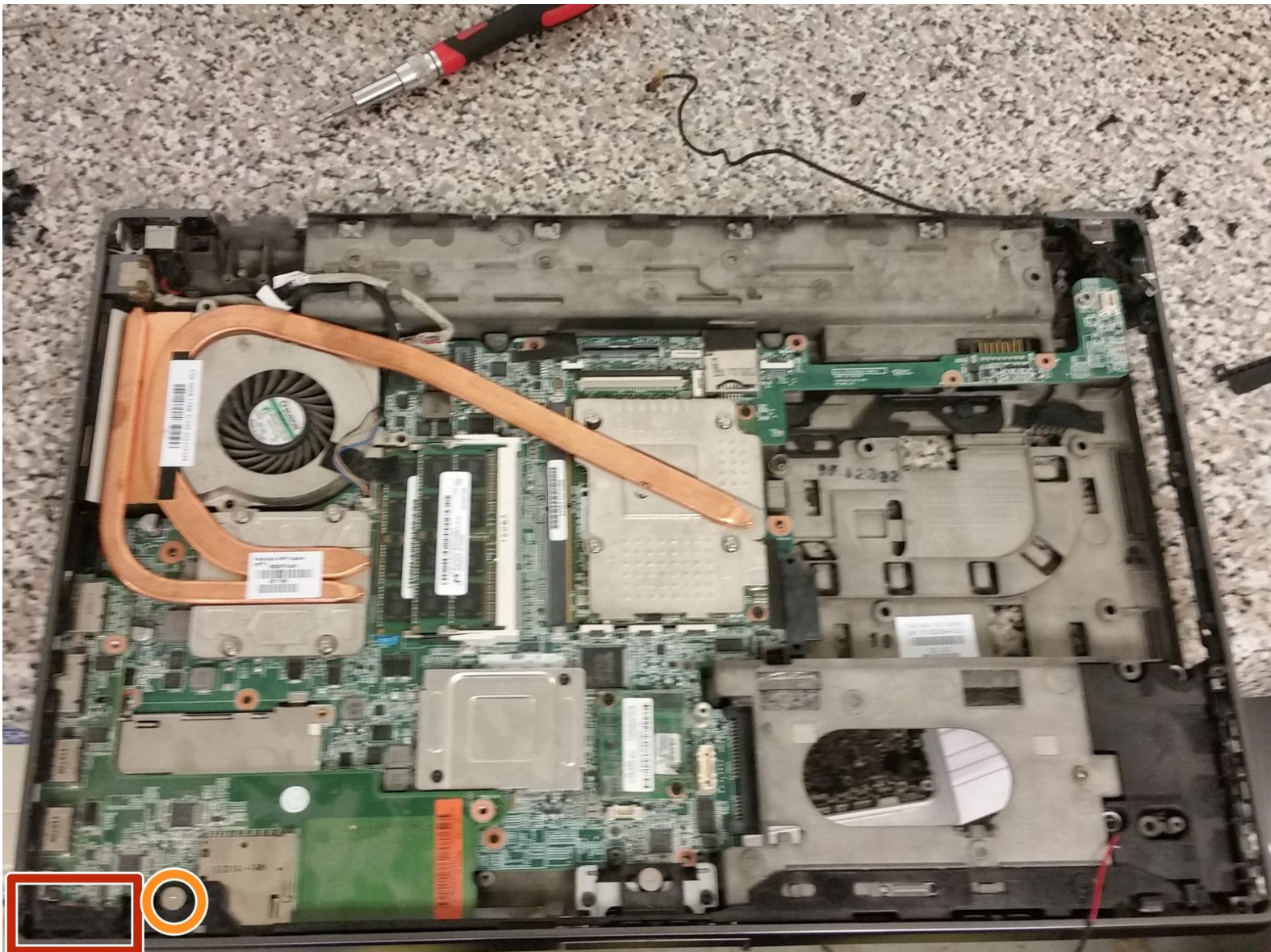




# HP EliteBook 8560w Motherboard Replacement

This guide teaches you how to replace the motherboard in an HP EliteBook 8560w.

Written By: Joseph Sctbunio



# INTRODUCTION

This guide teaches you how to replace the motherboard in an HP EliteBook 8560w.

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## TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [TR9 Torx Security Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Anti-static mat + wrist band.](#) (1)
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## Step 1 — Remove the battery



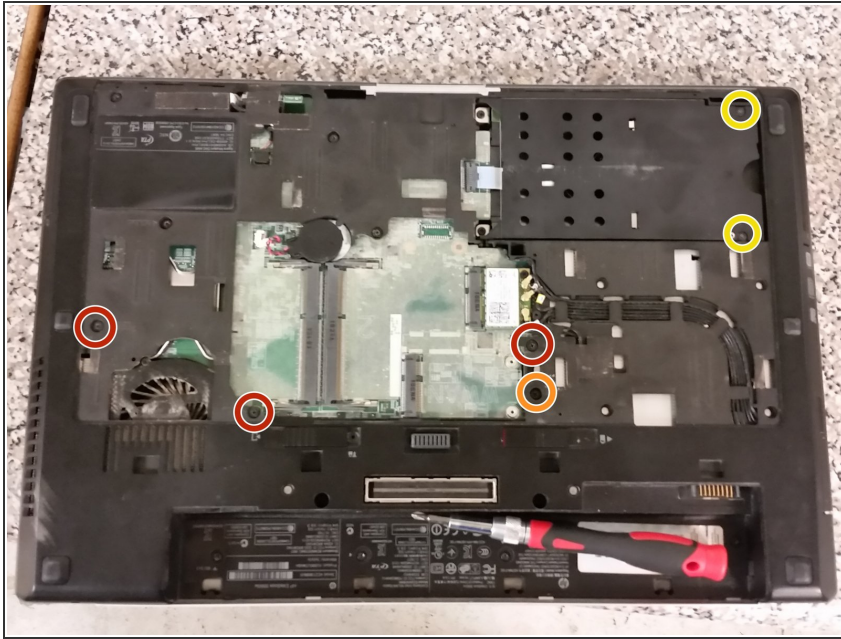
- With the back of the laptop facing towards you, simply push the battery latch to the right, and out comes the battery.

## Step 2 — Remove the bottom cover



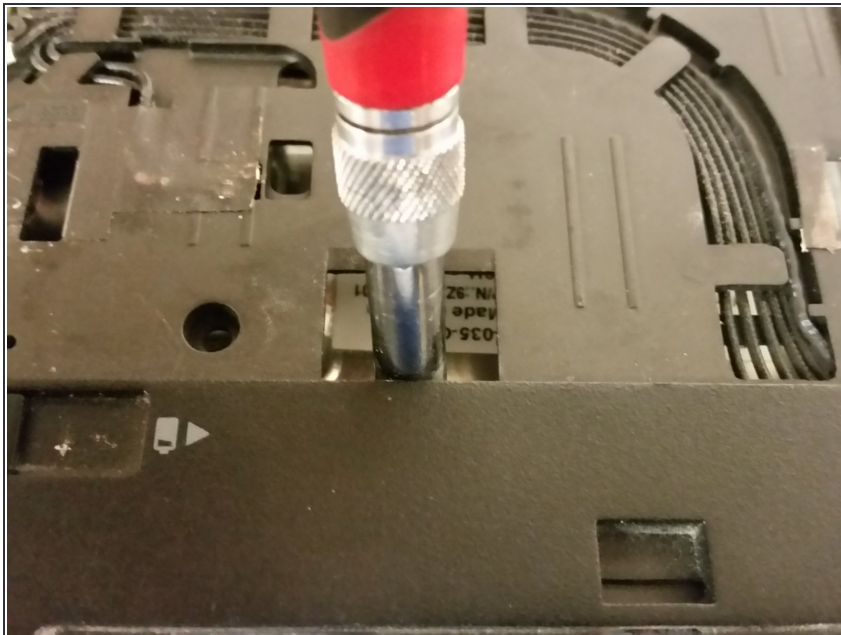
- Push the latch to the left like shown in the video, and then help the bottom cover off, like in the attached video.

### Step 3 — Remove keyboard, disc drive & SC reader screws



- Get out the Philips #1 bit, and unscrew the three captive screws securing the keyboard.
- Remove the single captive Philips screw securing the disc drive, then push the disc drive out by using your screwdriver on the area right above the disc drive screw.
- Remove the two captive Philips screws securing the Smart Card (SC) reader, then lift the SC reader up. The SC reader is hinged at the point opposite to the screws.

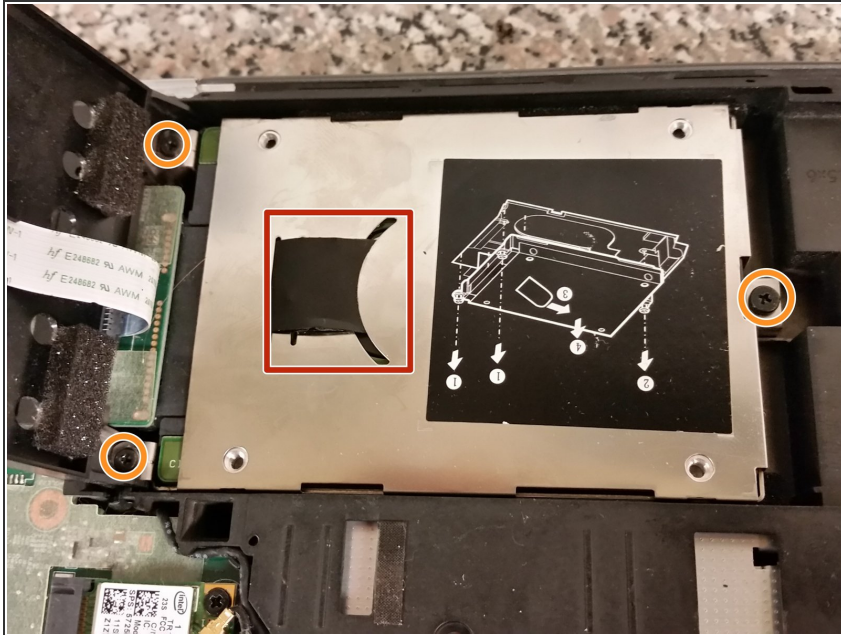
### Step 4 — Remove keyboard



- With the laptop's screen open and the disc drive out, hold up the laptop, push on the underside of the metal plate below the keyboard.
- Flip the laptop right side-up and pull the keyboard, taking care not to rip the ribbon cables out of their sockets.

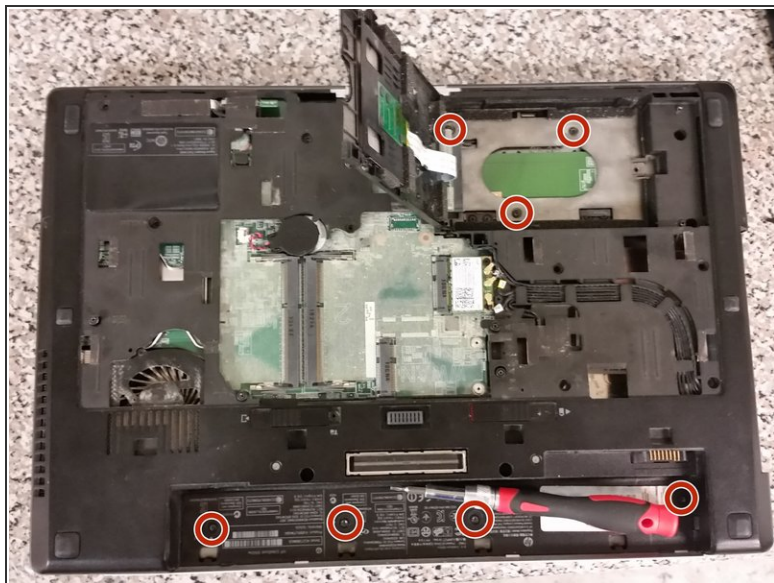
- Disengage the ribbon cables from their sockets by pulling up on each socket tab, then pulling the cable gently upwards.

## Step 5 — Remove hard drive caddy



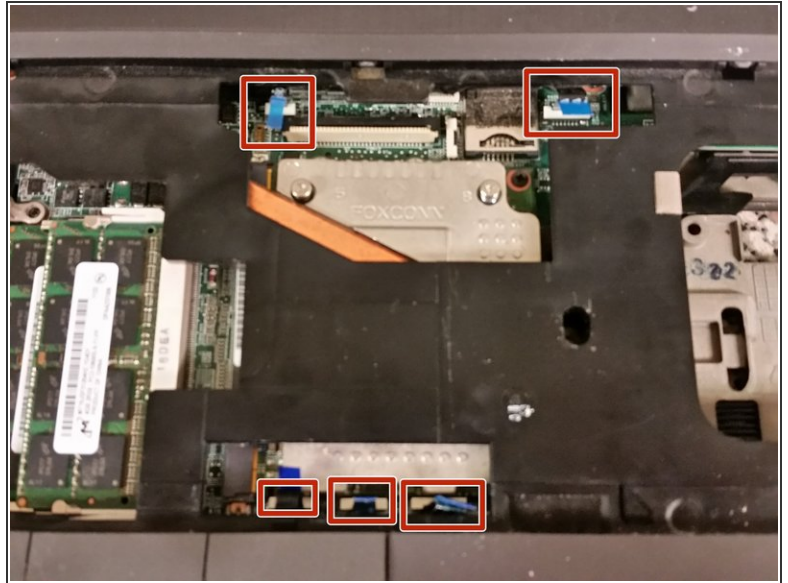
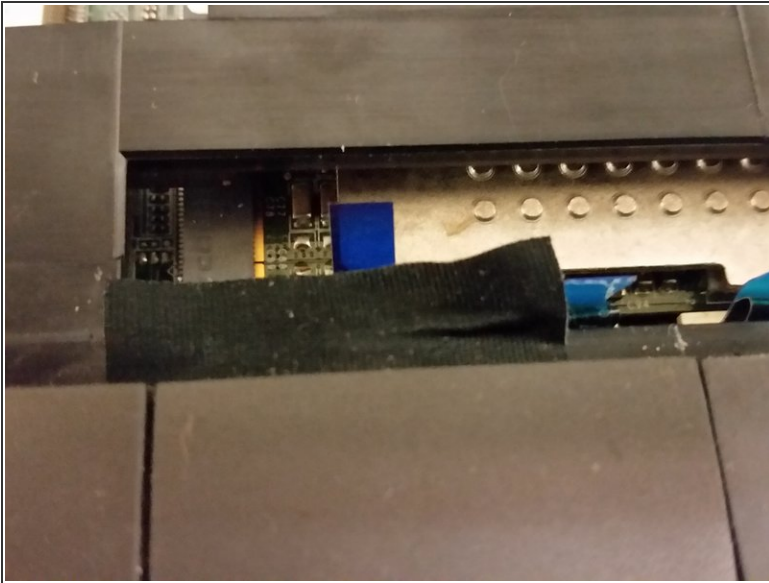
- Use your fingers or a screwdriver to get under the black pull tab for the hard drive, and pull it out from the curved hole it is under.
- Remove the three captive Philips screws securing the hard drive caddy.

## Step 6 — Remove palmrest screws



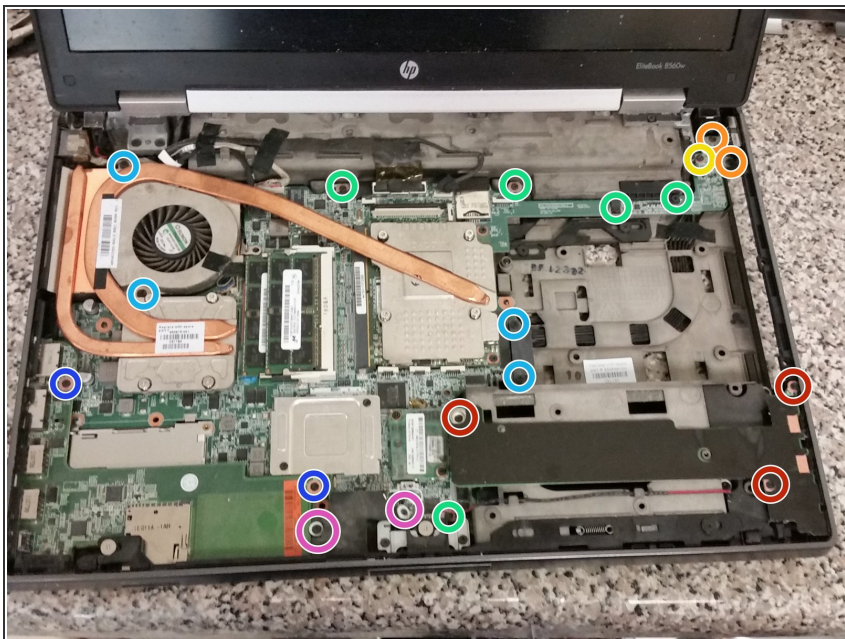
- Break out the Torx T9 bit, and start removing the seven M2.5x3 screws securing the palmrest.
- Remove the three M2x4.5 screws under where the optical drive was.

## Step 7 — Remove the palmrest cables & the palmrest



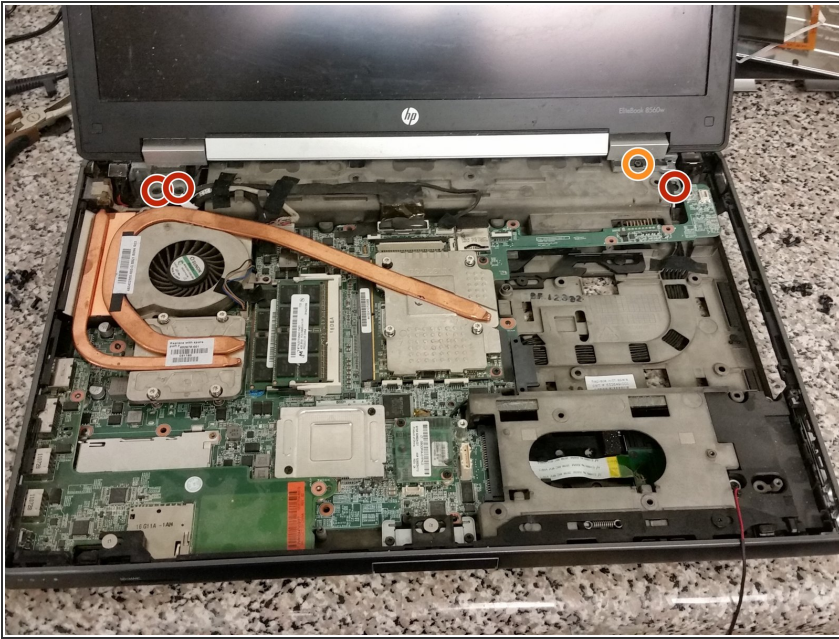
- Remove the tape covering the touchpad connector.
  - Use any long tool to pull gently upwards on the touchpad cable locking connector, then pull up on the cable.
  - Repeat for the next four connectors.
- ⚠ These locking connectors are easy to break, so be very cautious! On the other hand, if you're replacing the motherboard, it probably doesn't matter.
- Pull upwards on the palmrest.

## Step 8 — Remove USB board, VGA board, and screws



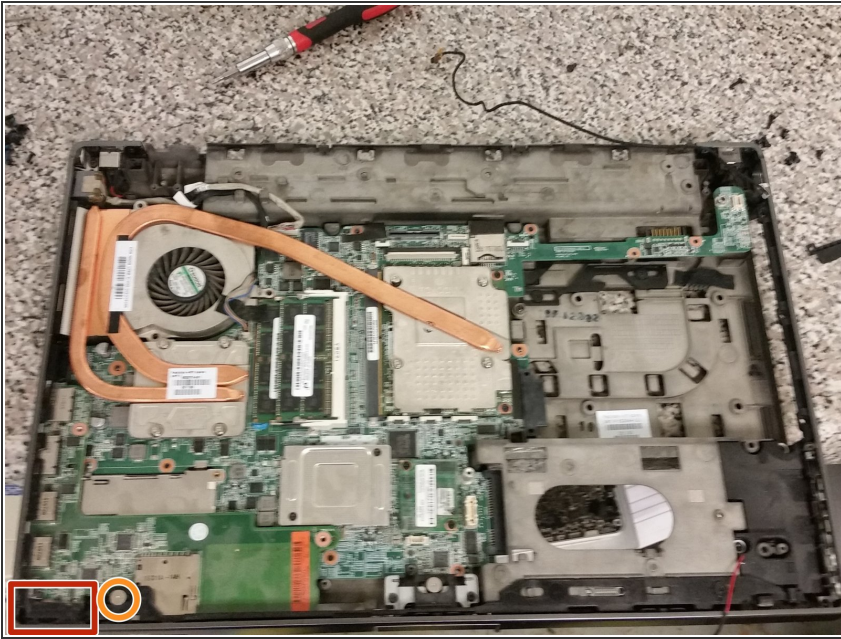
- Remove the three small screws from the USB board, and remove the USB board.
- Remove the two small screws from the VGA board.
- Remove the one long screw from the VGA board, and remove the VGA board. This is a tight fit and may require a little jiggling to remove/replace.
- Remove the five small screws from the motherboard.
- Remove the four long screws from the motherboard/CPU cooler.
- Remove the two short screws from the DP/USB/Firewire board.
- Remove the two mid-length screws from the left speaker, and disconnect the speaker connector from the motherboard.

## Step 9 — Remove LCD assembly



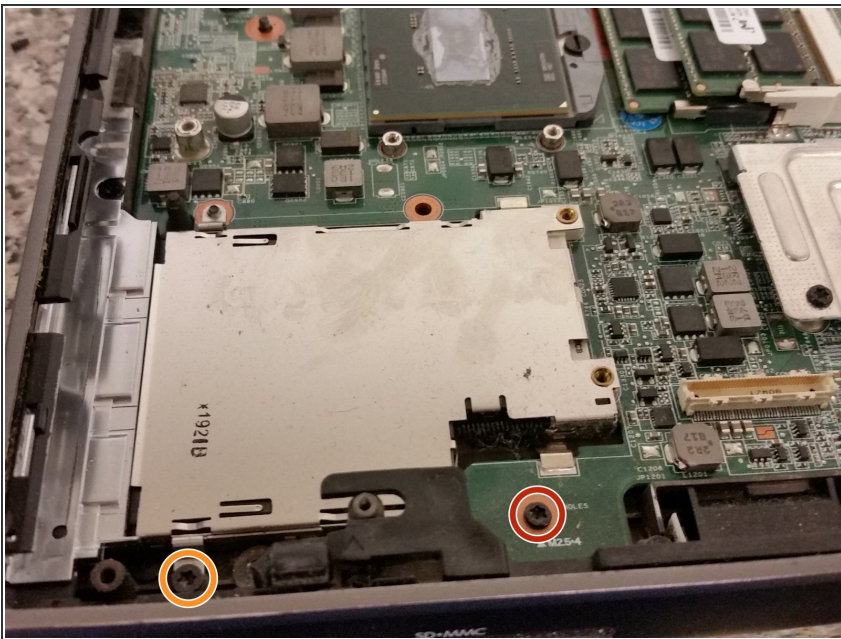
- Remove the short screw securing the LCD assembly to the base.
- Remove the three long screws securing the LCD assembly to the base.
- Flip the laptop over and remove the wireless antennas, pulling them from their clips.
- Also remove the modem port plug from the modem card, and remove the cables from their clips.
- Remove the four silver screws from the back of the laptop securing the LCD assembly to the base. Keep these screws separate from the other ones.
- Remove four more black screws securing the LCD assembly to the base.
- Remove the LCD cables and LCD assembly from the motherboard.

## Step 10 — Remove SD Reader Board



- Here on the left-front, there is some rubber. Take the rubber out to reveal a small screw.
- Unscrew one screen latch screw.
- Lift the SD Reader board at 45-degree angle, and pull it out.

## Step 11 — Remove the motherboard



- Underneath where the SD Reader board was, there will be one short screw holding the motherboard.
- There will also be a longer screw.
- There will be a short cable attached to the bottom of the motherboard. Don't tug on the motherboard just yet, just lift it slowly and carefully. Be sure to remove that cable.
- At last, you are done!

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