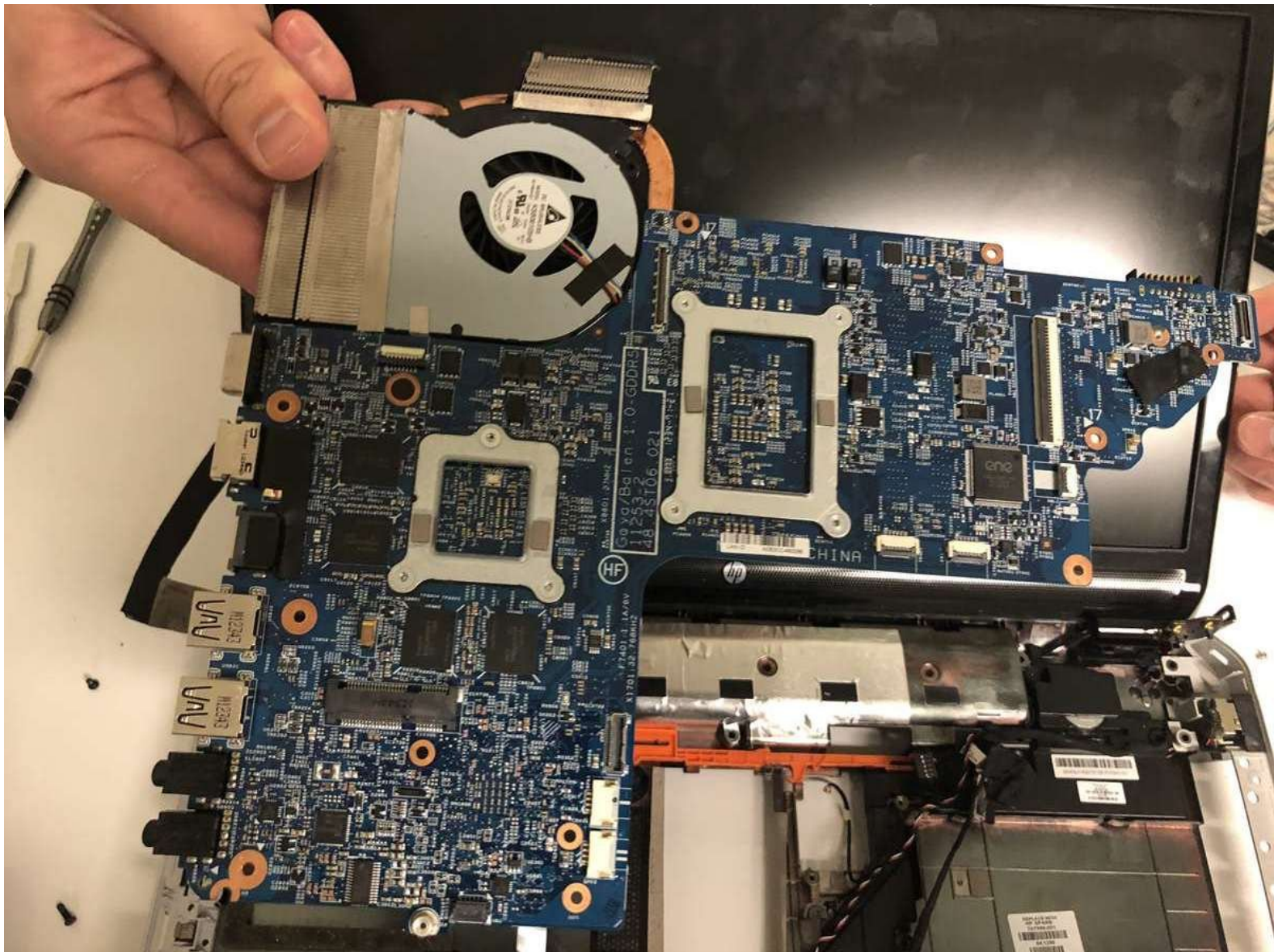




# HP Pavilion dv7t-7000 Motherboard Replacement

A replacement guide for the motherboard of the HP Pavilion dv7t-7000

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# INTRODUCTION

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## TOOLS:

- [Spudger](#) (1)
  - [Metal Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Battery



- Turn the computer off and disconnect it from all power sources.

## Step 2



- Slide the battery release switch to the left.



## Step 3



- Hold the release switch all of the way to the left and your other hand to pull the battery out.

## Step 4 — Back Panel



- Unscrew the single Phillips #00 screw.
- ⓘ Screw will not come out, it is connected to the panel

## Step 5



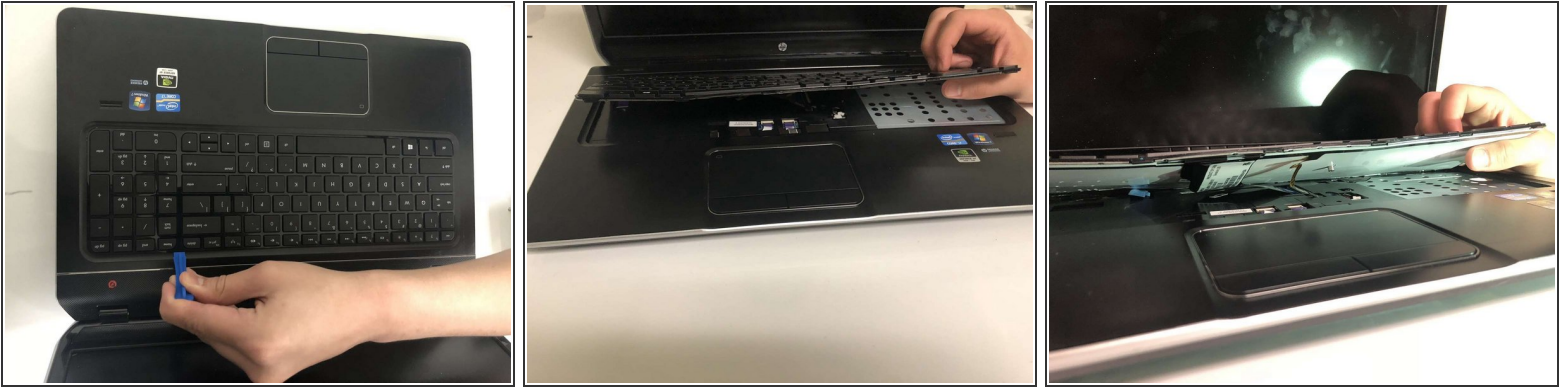
- Remove service hatch by sliding away from the computer and lifting up.

## Step 6 — Keyboard



- Remove the single Phillips #00 screw.
- Flip the laptop over.

## Step 7



- Wedge a spudger in between the keyboard and palm rest bezel.
  - Pry upward to release the keyboard clips.
- ⚠ The keyboard is plugged into the motherboard, so be careful not to pull out while lifting keyboard.

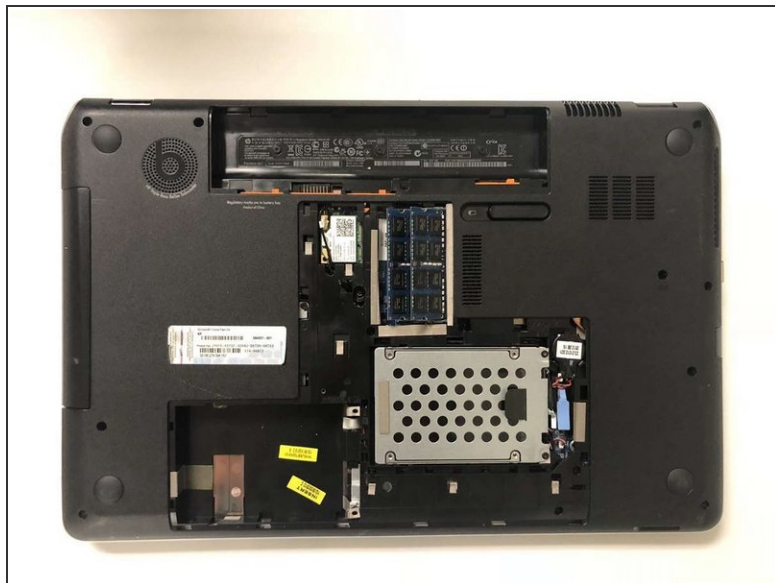
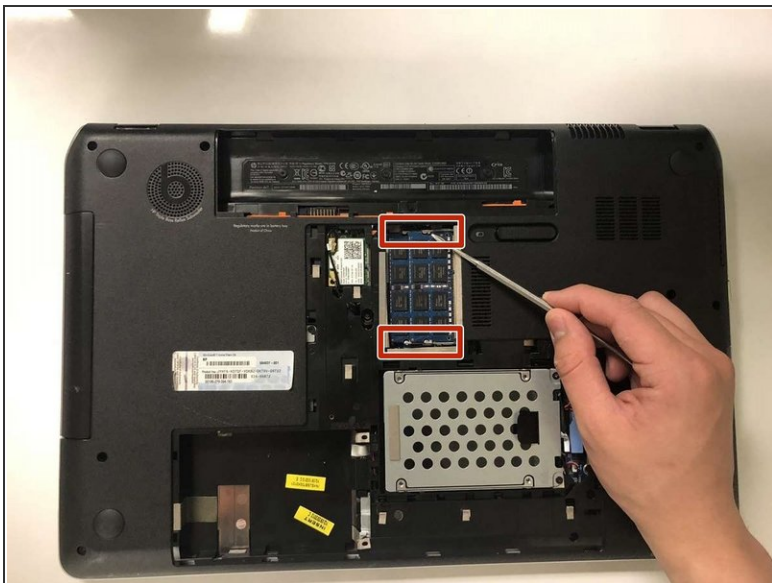
## Step 8



- Use the flat end of a spudger to flip up the black tab on the ZIF connectors.
- Pull the ribbon cables out of the ZIF connectors.
- Remove the keyboard.



## Step 9 — RAM



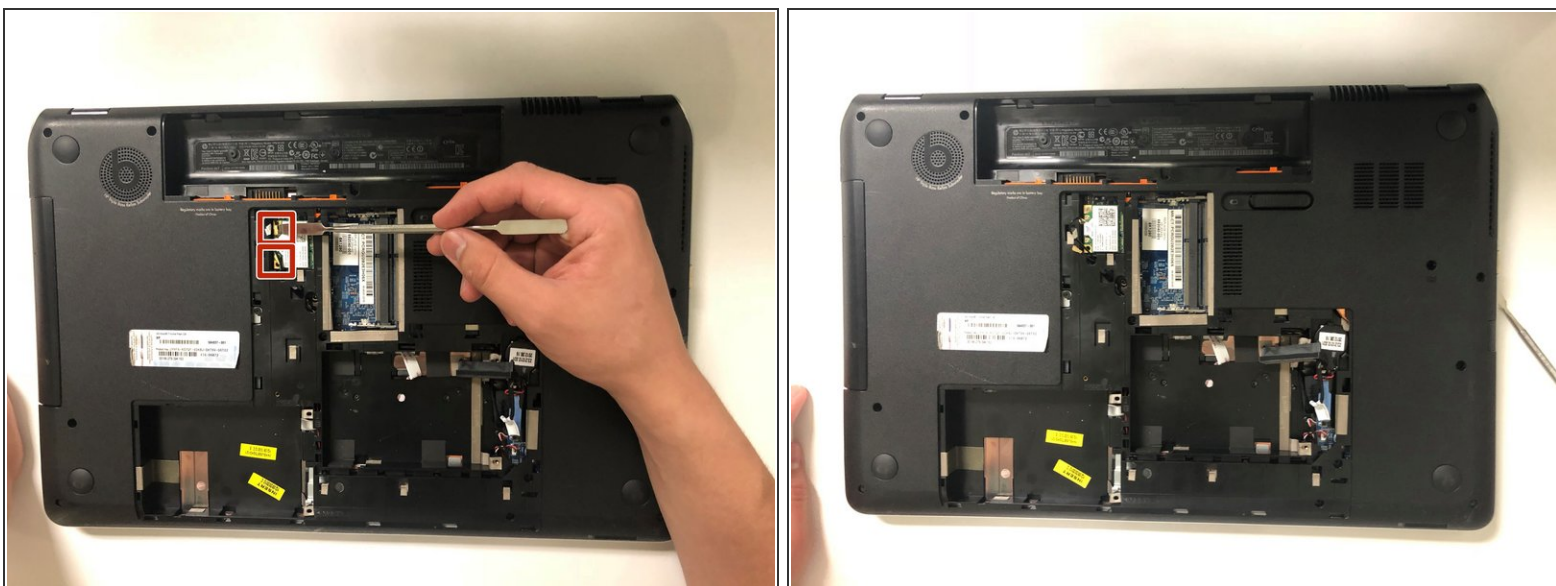
- Push the retraining springs away from the RAM at the same time to unlock the RAM.

## Step 10



- Pull the RAM out.
- Follow the same procedure for the additional RAM.

## Step 11 — Wi-Fi Card



- Use the flat end of a spudger to pop off the antenna connectors.

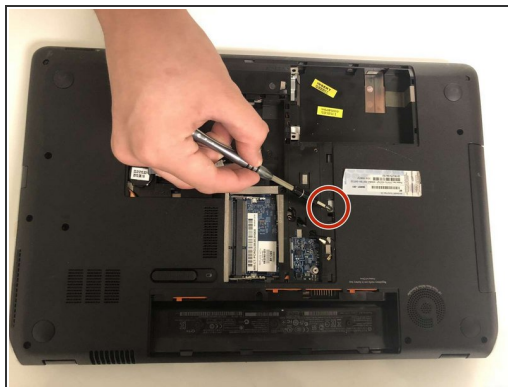
## Step 12



- Remove single Phillips #00 screw.
- Pull the card out by hand.



## Step 13 — Palm Rest



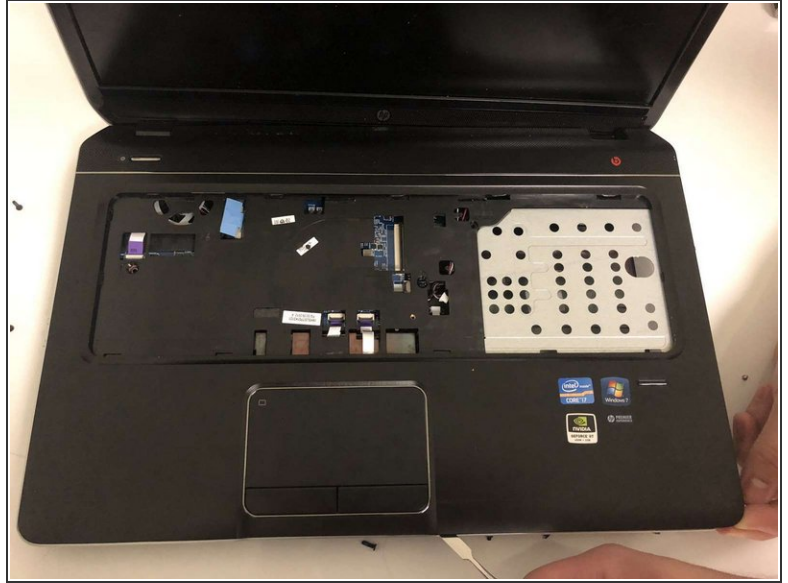
- Flip the keyboard back over.
- Remove the single Phillips #00 screw holding in the CD drive.
- Pull out the CD drive.

## Step 14



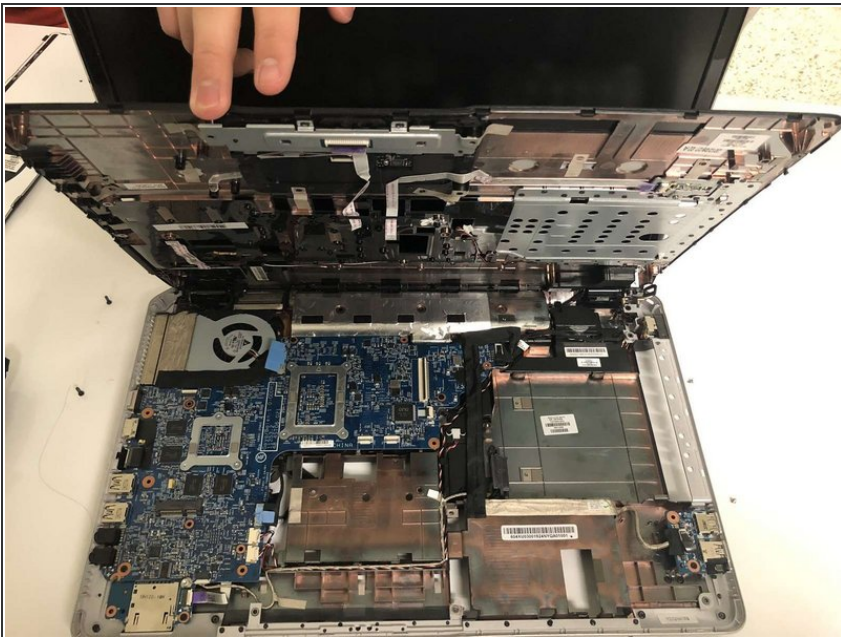
- Remove the seventeen Phillips #00 screws securing the back panel to the laptop.

## Step 15



- Flip the laptop over.
- Remove the single Phillips #00 screw.

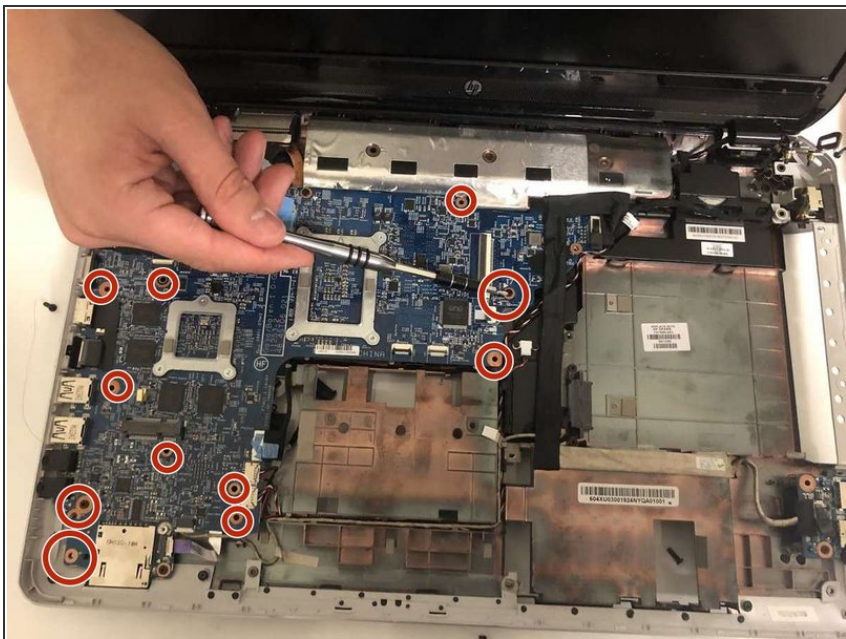
## Step 16



- Remove the panel by lifting it up.

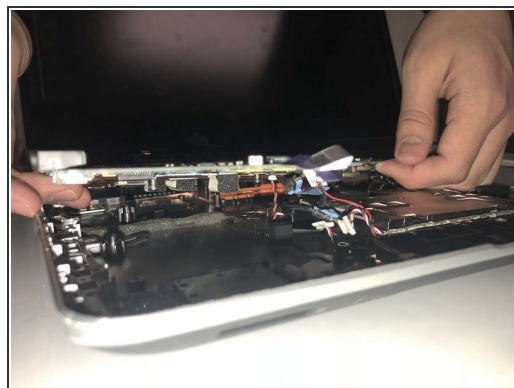
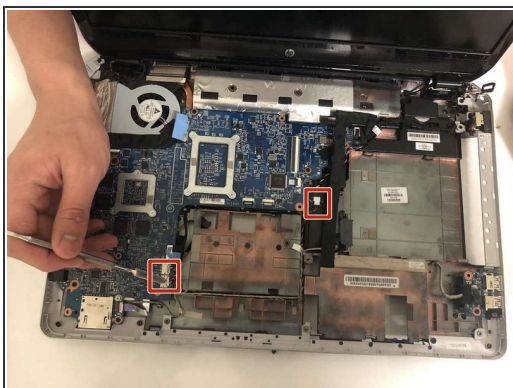


## Step 17 — Motherboard



- Remove the eleven Phillips #00 screws.

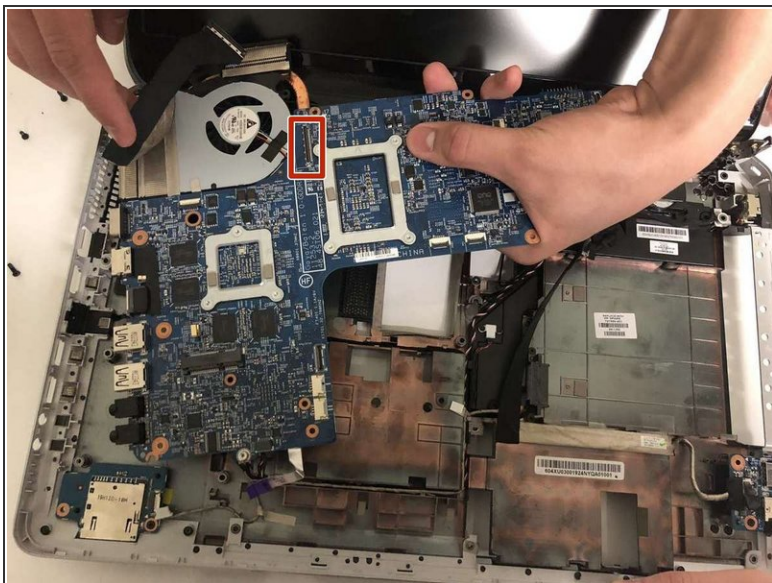
## Step 18



- Use the flat end of a spudger to disconnect all wires connected to the motherboard.



## Step 19



- Lift up the black tab on the ZIF connector with the flat end of a spudger.
- Pull the ribbon cable out of the ZIF connector.
- Remove the fan from the laptop.

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