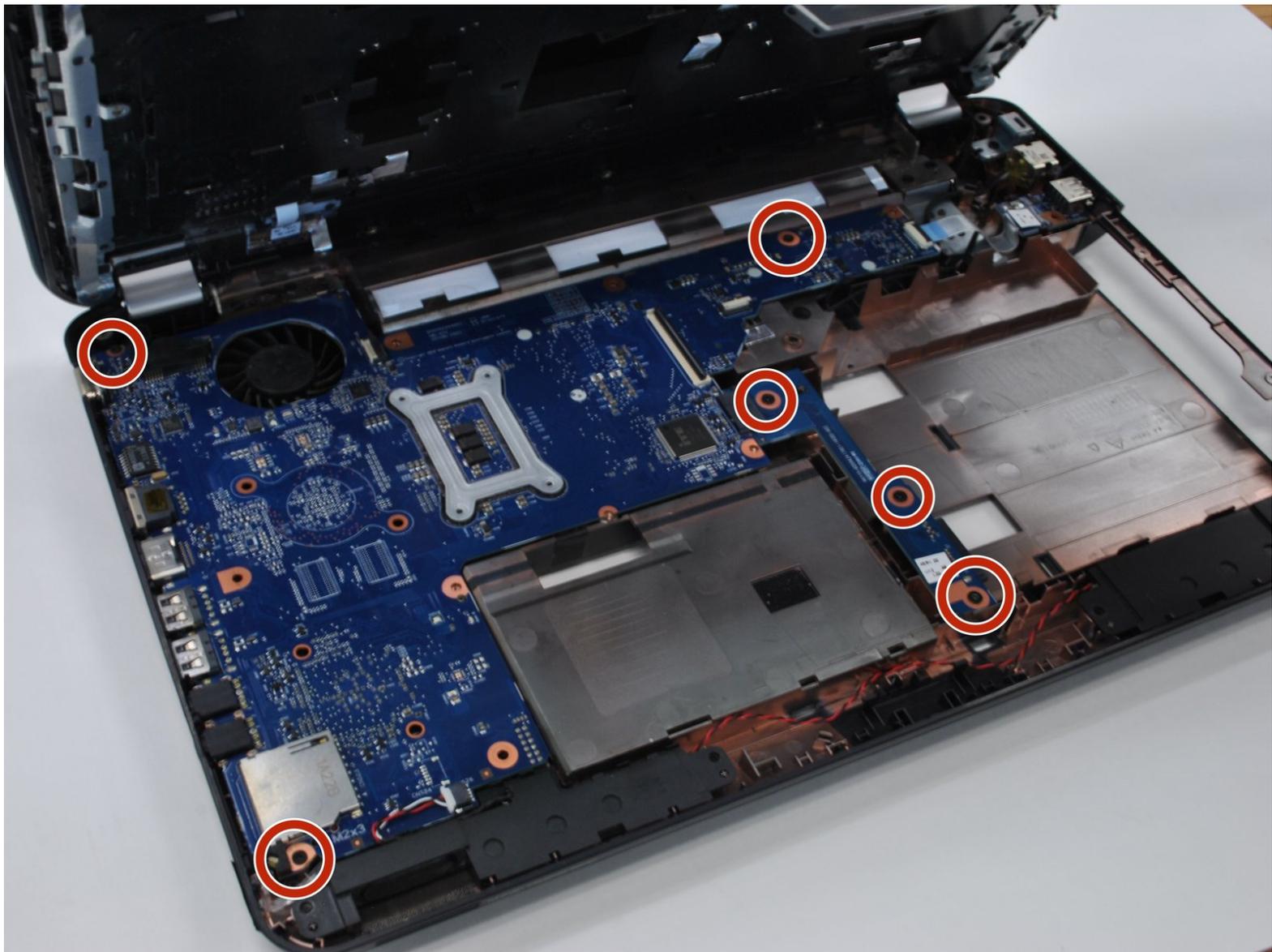




# HP Pavilion G6-1d16dx Motherboard Replacement

This guide aims to teach you how to replace a motherboard, a necessary step if your computer has overheated and shorted the board.

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## INTRODUCTION

This guide aims to teach you how to replace a motherboard, a necessary step if your computer has overheated and shorted the board. It is a fairly complex process, but through clean pictures and concise steps it should help guide you through the process.

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### TOOLS:

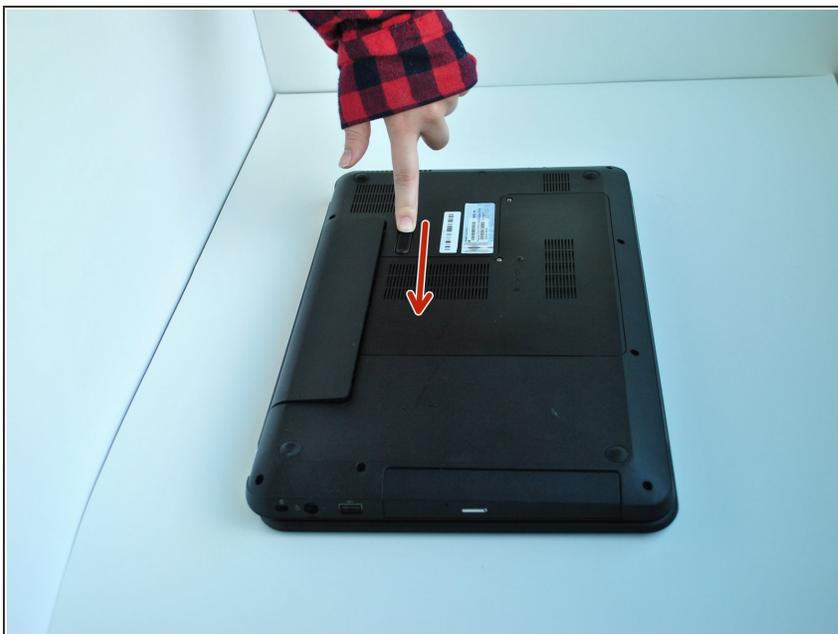
- [Pro Tech Toolkit](#) (1)

## Step 1 — Battery



- Flip the computer so that the bottom side is facing up, and locate the battery above the screen hinges.

## Step 2



- Slide the switch under the battery compartment to release the battery.

### Step 3



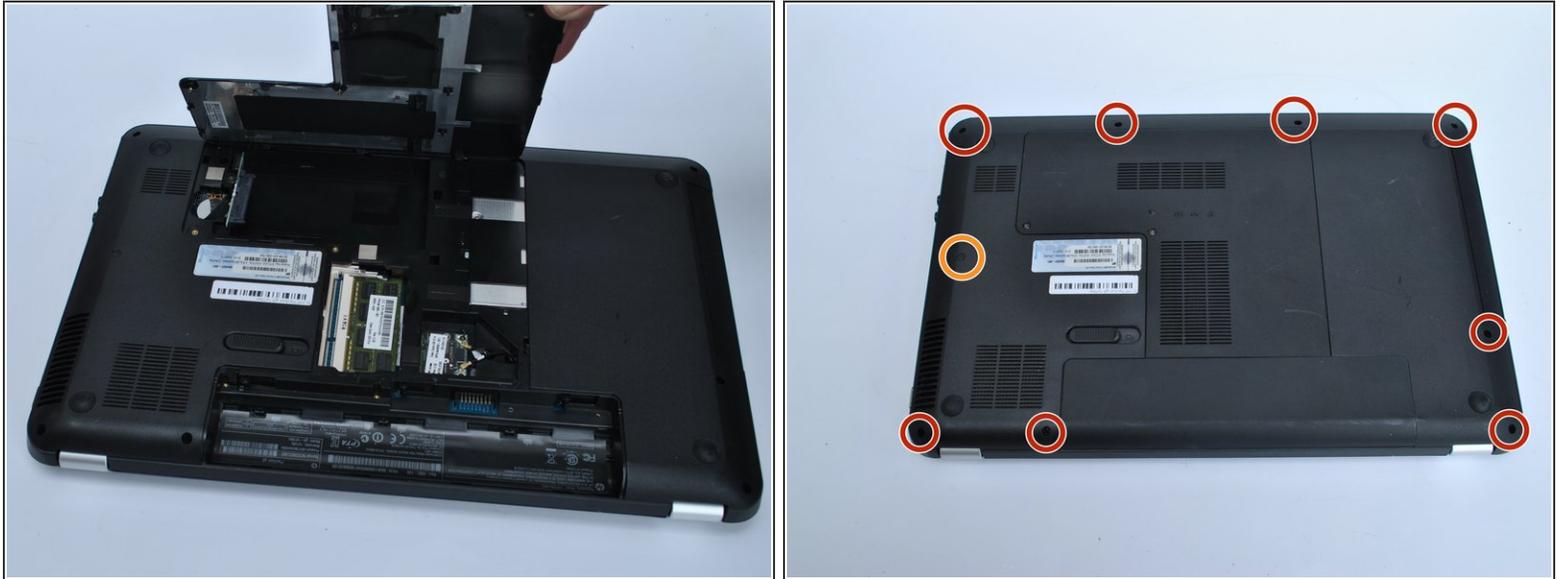
- Remove the battery.
- ⓘ The battery will have popped out of the compartment when it was released.

### Step 4 — Motherboard



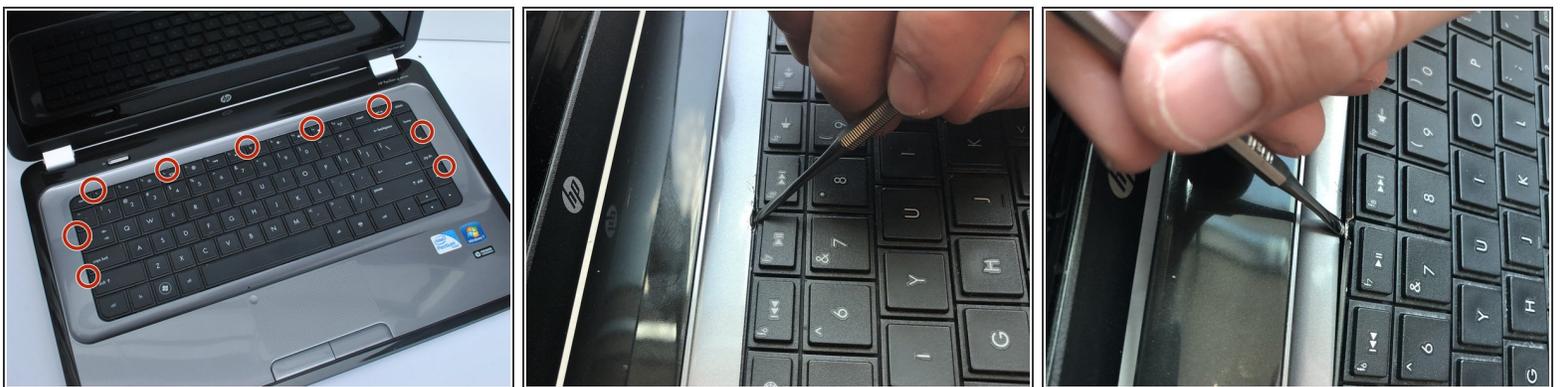
- Unscrew the two silver screws holding the protective cover in place until they make a clicking noise.
- ⓘ The screws do not remove from the cover.

## Step 5



- Unsnap the Cover by lifting the edge along the battery compartment.
- Remove all of the body screws.
- Remove the rubber cap and the screw underneath it.

## Step 6



**i** The keyboard is held in by nine tabs

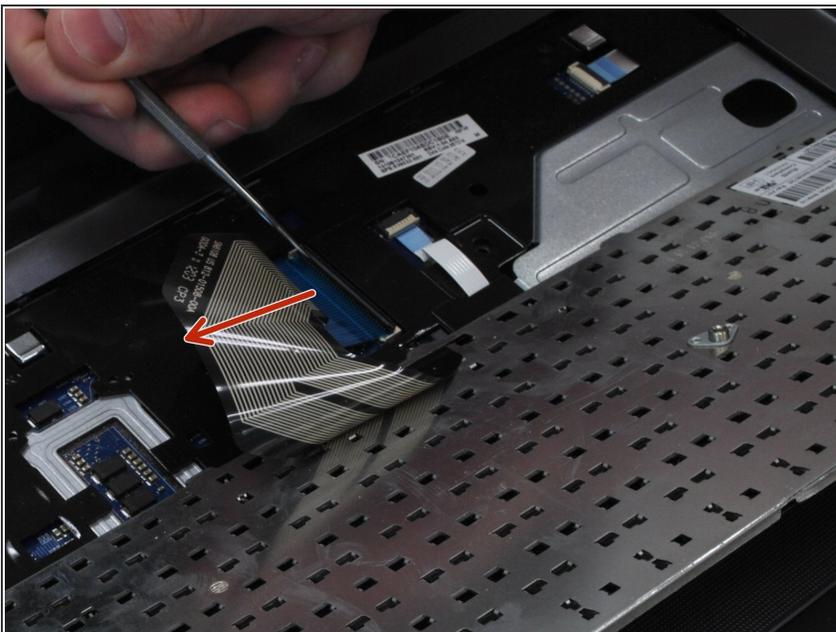
- Using a metal tool, depress the center tab and pry up the keyboard by pivoting the tool towards the screen.

## Step 7



- Slide the tool that is now under the keyboard sideways along the edge and use another tool to depress the other tabs along the edge of the keyboard.
- ⓘ As you depress the tabs, the edges of the keyboard will pop up.
- Lift off the keyboard

## Step 8



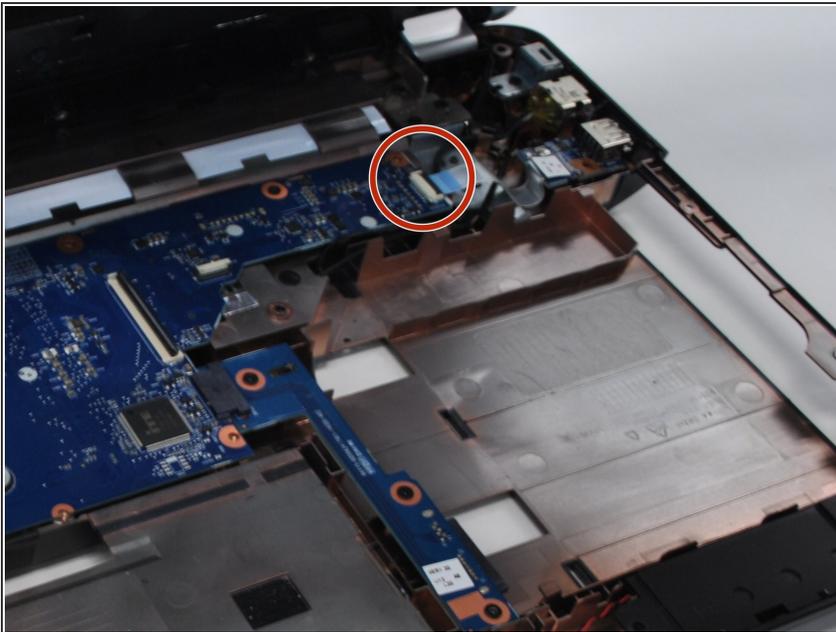
- Flip up the black tab holding the keyboard in place via the ribbon cable and pull out the cable

## Step 9



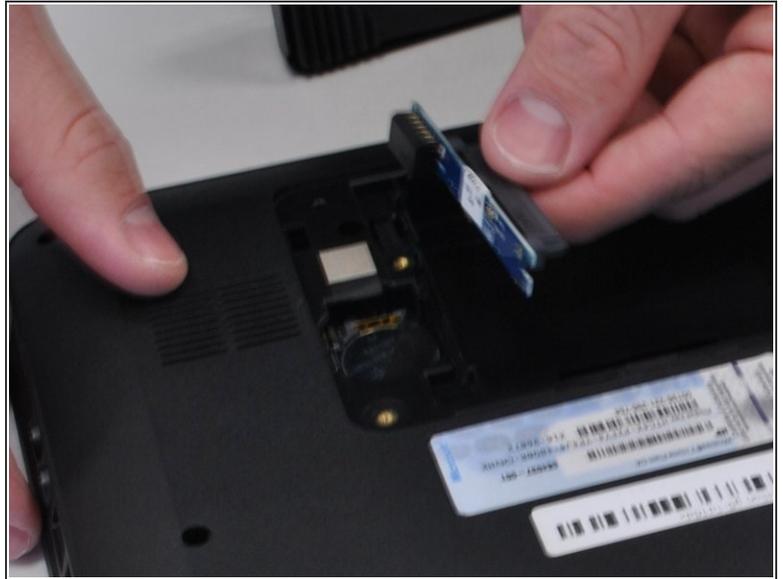
- Remove the two remaining ribbon cables.
- Remove the screws holding in the protective cover underneath the keyboard.
- Pop the cover off using any flat metal tool, starting with where you took out the optical drive
- ⓘ It will be very sticky near the edge closest to the screen. This is where the sticker in the battery compartment is stuck to. just use a little more force.

## Step 10



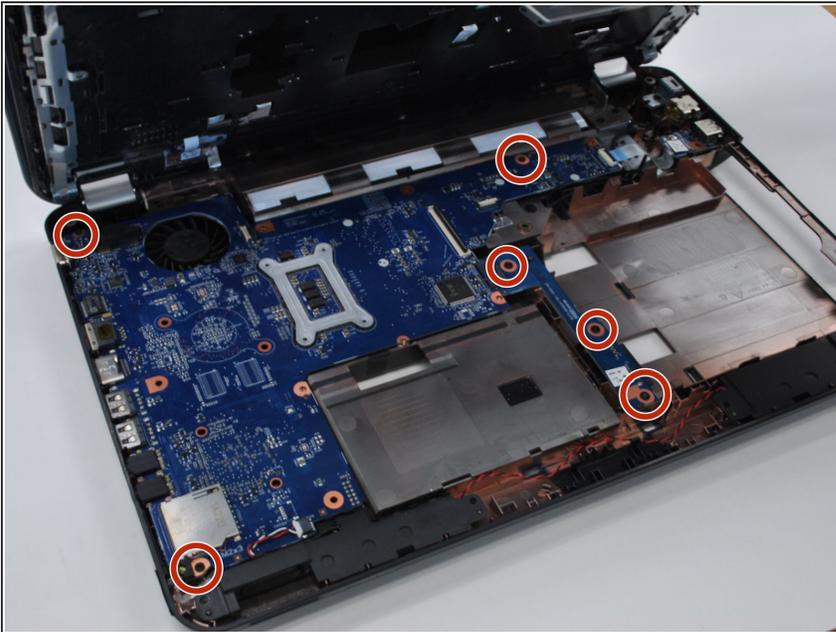
- Unplug the ribbon cable on the right side of the motherboard.

## Step 11



- Underneath the computer, unscrew the hard drive connector screw, and pop out the hard drive plug-in.

## Step 12



- Unscrew all motherboard screws and lift the motherboard out of the body.
- ☑ For replacing the screen hinges and screen, skip this step

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

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