



# Dell Latitude E7470 Keyboard Replacement

This guide is going to show you how to replace the keyboard in the Dell Latitude E7470.

Written By: Bo Zeng



---

## INTRODUCTION

This guide is going to show you how to replace the keyboard, But first, we need to remove whatever covers the keyboard. So this is going to be time-consuming. Be patient!

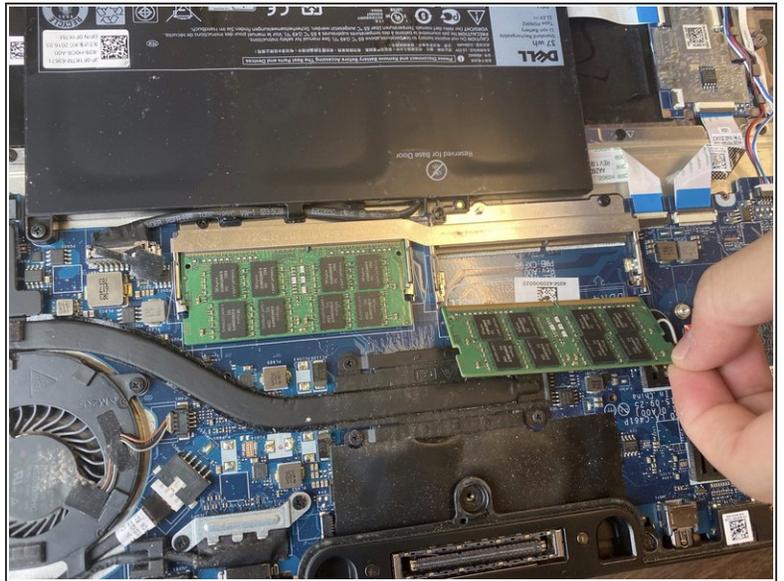
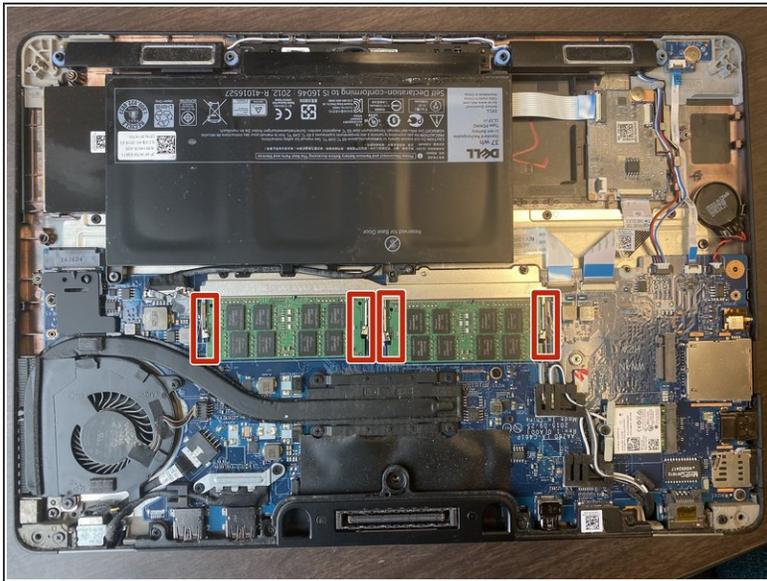
Before you start your replacement, make sure that you have powered off your laptop completely

---

### TOOLS:

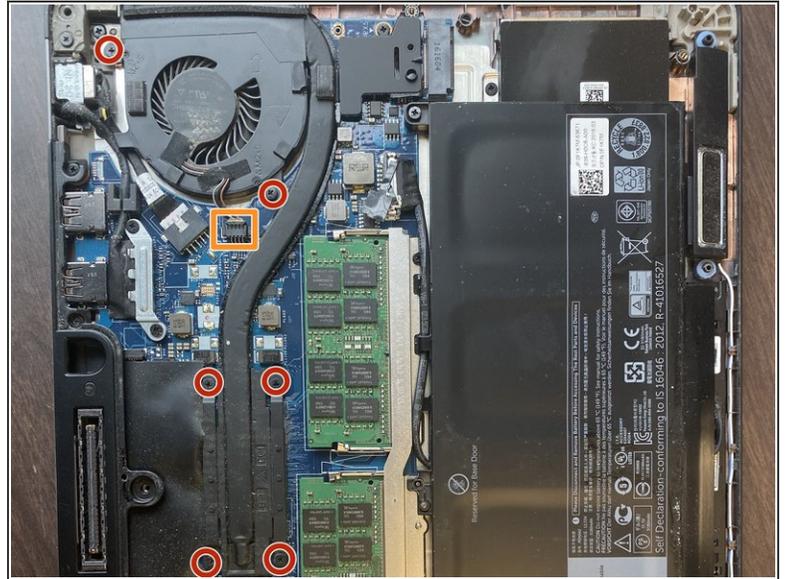
- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tool](#) (1)
  - [iFixit Opening Picks \(Set of 6\)](#) (1)
  - [Anti-Static Wrist Strap](#) (1)
-

## Step 1 — RAM



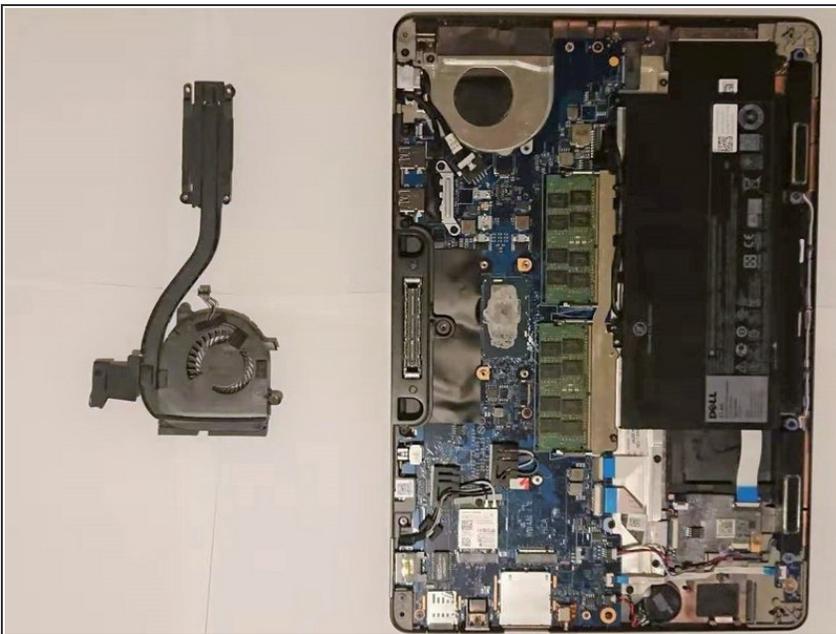
- Grab the two clips beside the RAM stick and pull them outward. The RAM stick should release.
- Remove the RAM from the device.
- Repeat this for second RAM stick

## Step 2 — Fan and Heatsink



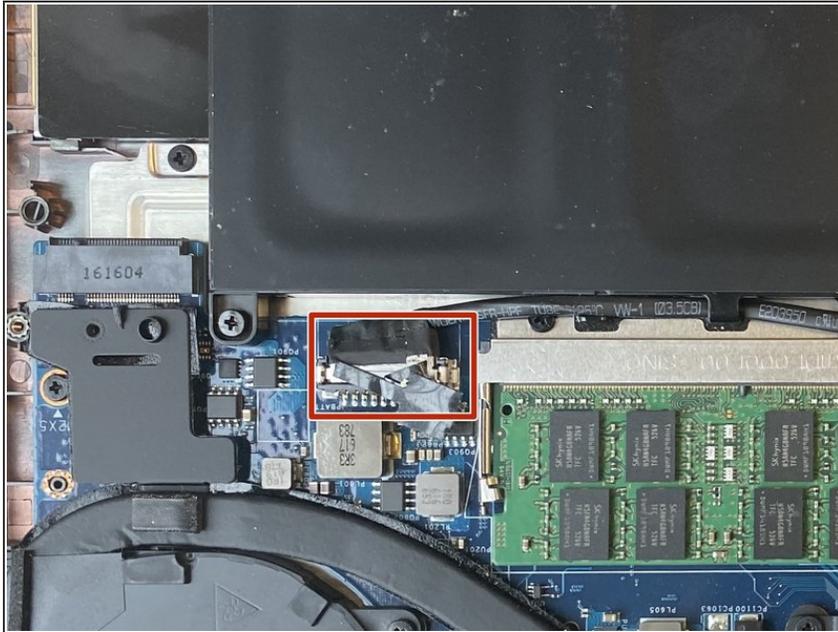
- After opening the backcase of the computer, remove the screws using the Phillips #0 screwdriver.
- Unplug and remove the wire from the socket.

## Step 3



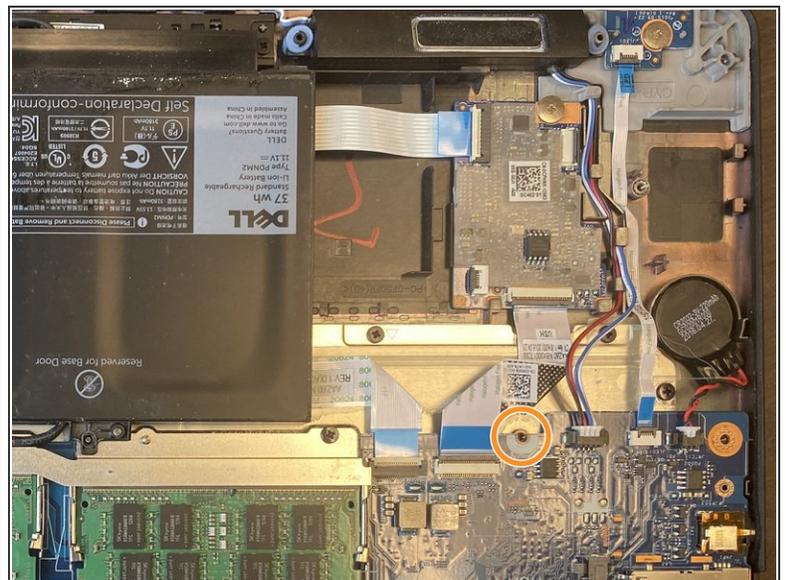
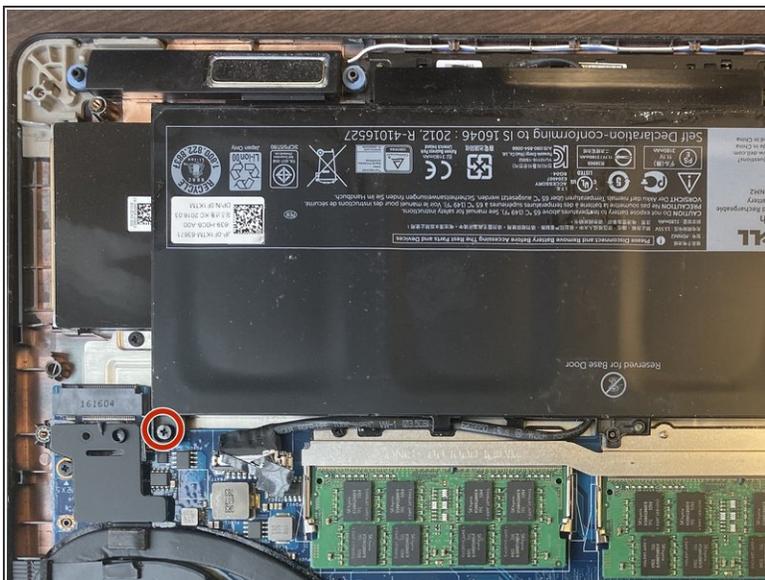
- Remove the fan and heatsink from the laptop.
- ☞ Make sure to wipe off the existing thermal paste from the CPU and heatsink with an alcohol-soaked pad and apply a new layer.

## Step 4 — Battery



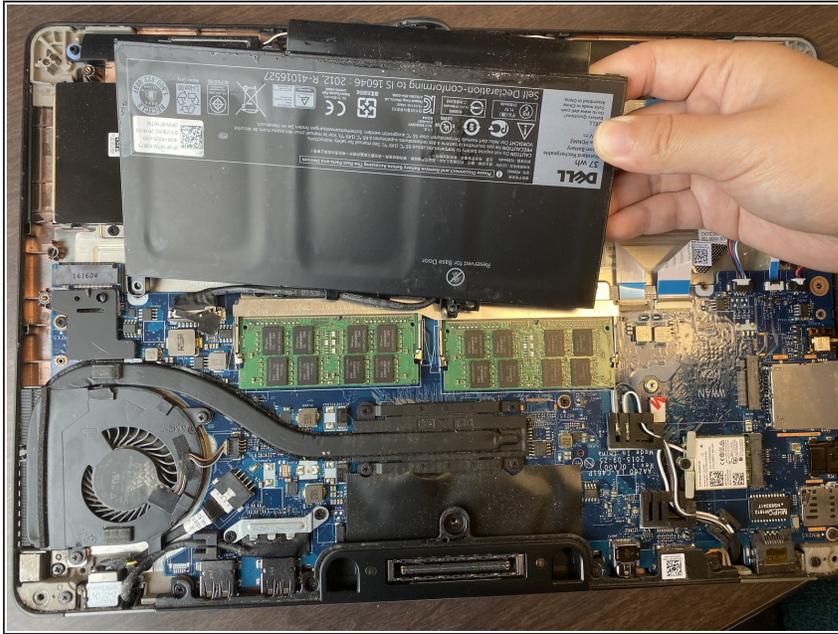
- Use the pull tab on the battery connector to lift the connector straight up off its socket on the motherboard, disconnecting it.

## Step 5



- Remove the single 4 mm Phillips screw securing the bottom left corner of the battery.
- If you are removing an extended capacity battery, remove the Phillips screw securing the bottom right corner of the battery.

## Step 6



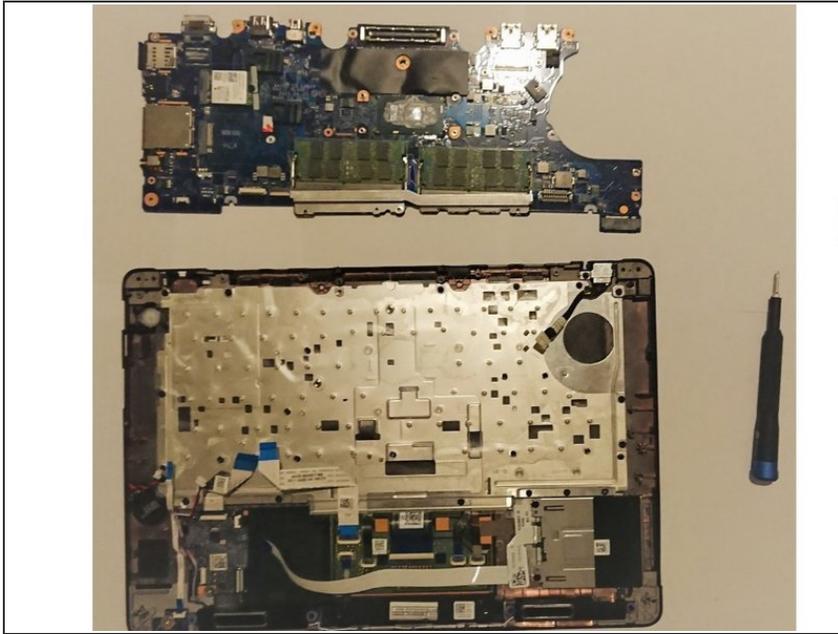
- Remove the battery from the laptop.

## Step 7 — Motherboard



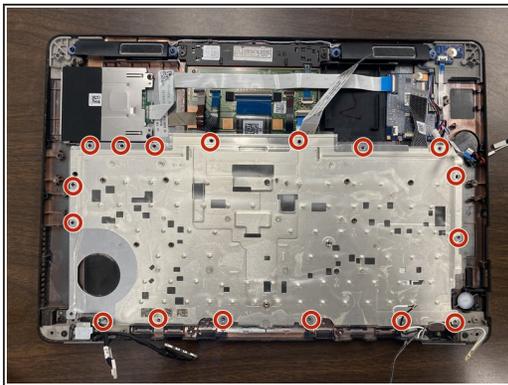
- Remove all the screws using a Phillips #0 screwdriver.
- Disconnect all of the cables from the motherboard.

## Step 8



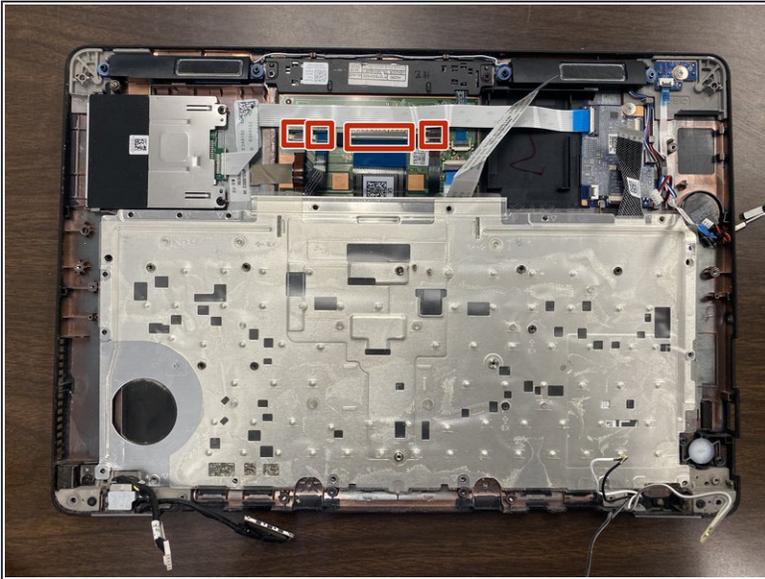
- Remove the motherboard from the laptop.

## Step 9 — Keyboard



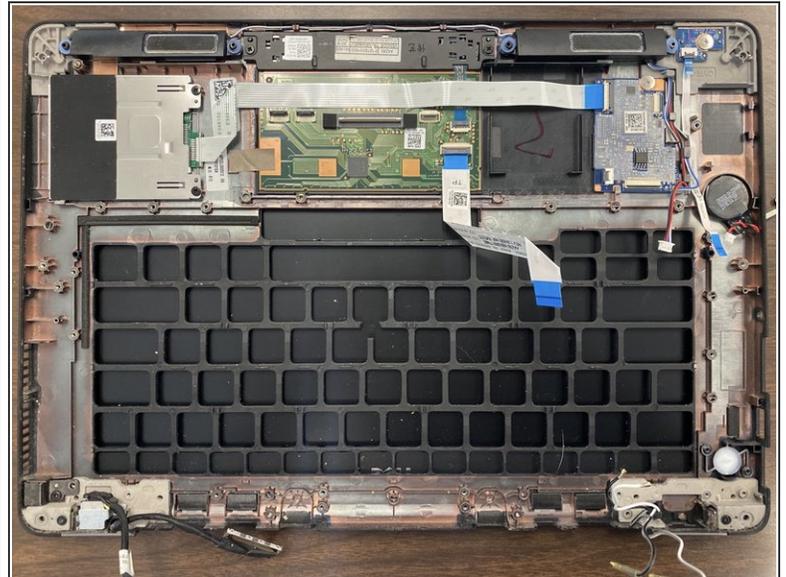
- Use a Phillips #0 screwdriver to remove the seventeen 4 mm screws.

## Step 10



- Disconnect the four ribbon wires labeled by the red rectangles by pushing aside the metal release tab and gently pulling the ribbon wire.

## Step 11



- Remove the keyboard from the device.

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