



Dell Latitude E7470 Keyboard Replacement

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

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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!

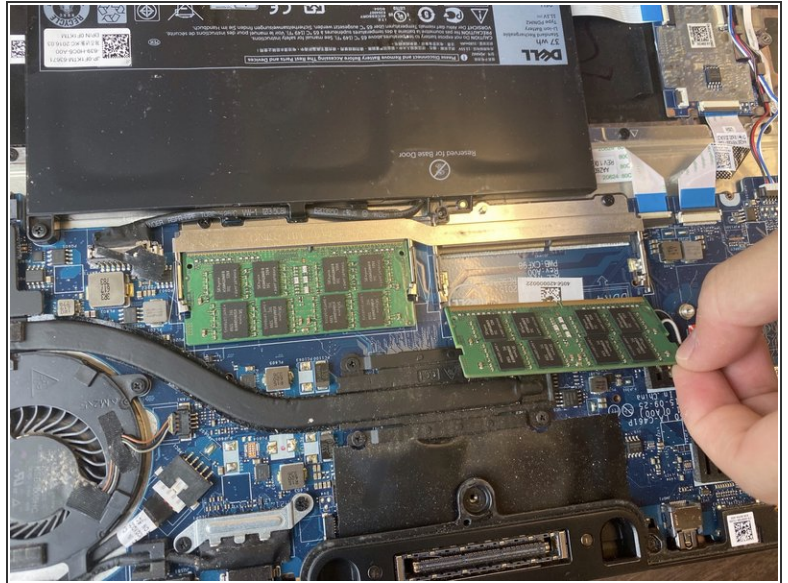
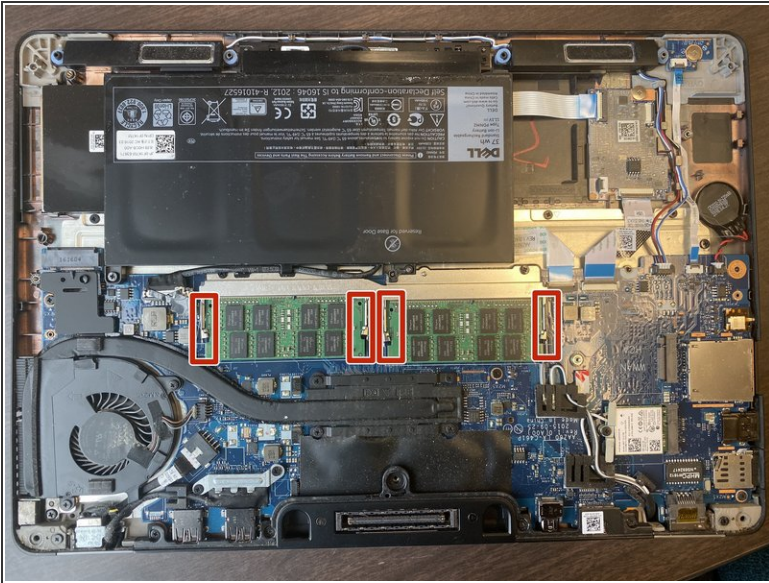
Before you start your replacement, make sure that you have powered off your laptop completely



TOOLS:

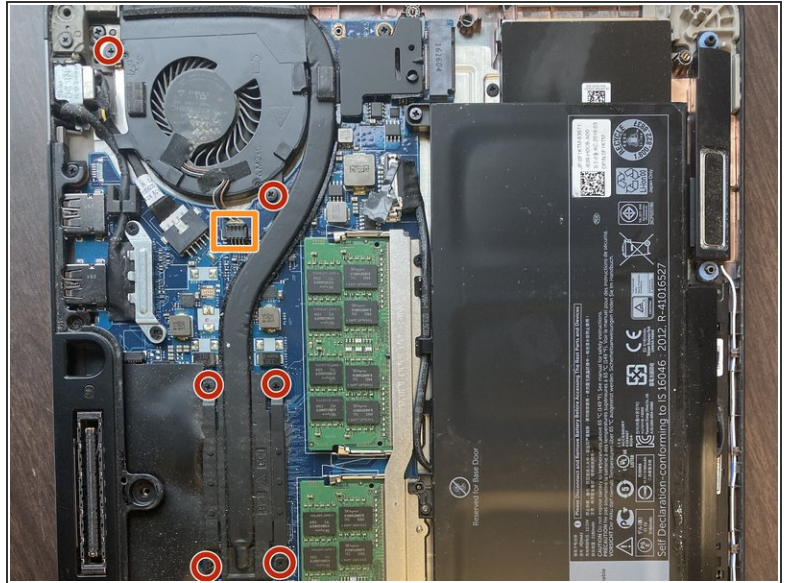
- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [iFixit Opening Picks \(Set of 6\)](#) (1)
 - [Anti-Static Wrist Strap](#) (1)
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Step 1 — RAM



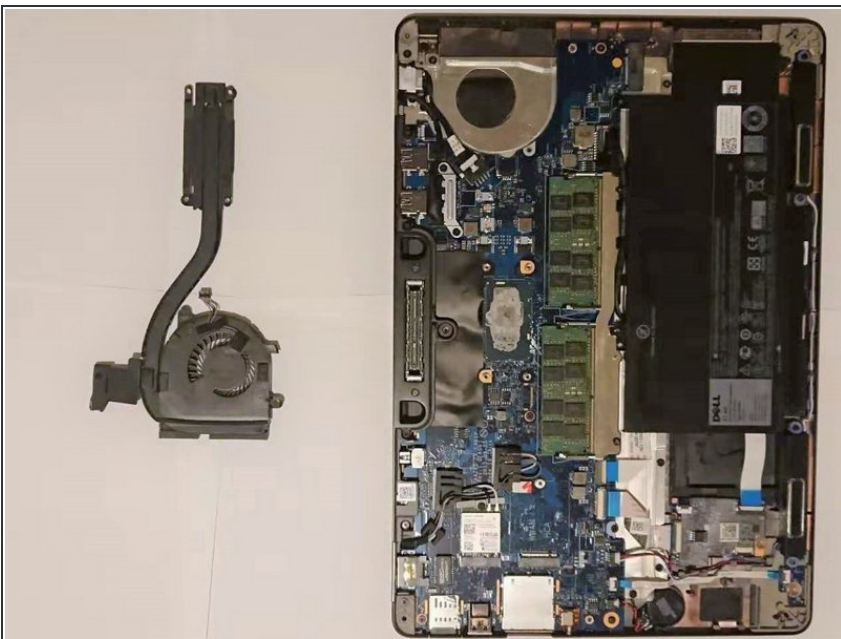
- Grab the two clips beside the RAM stick and pull them outward. The RAM stick should release.
- Remove the RAM from the device.
- Repeat this for second RAM stick

Step 2 — Fan and Heatsink



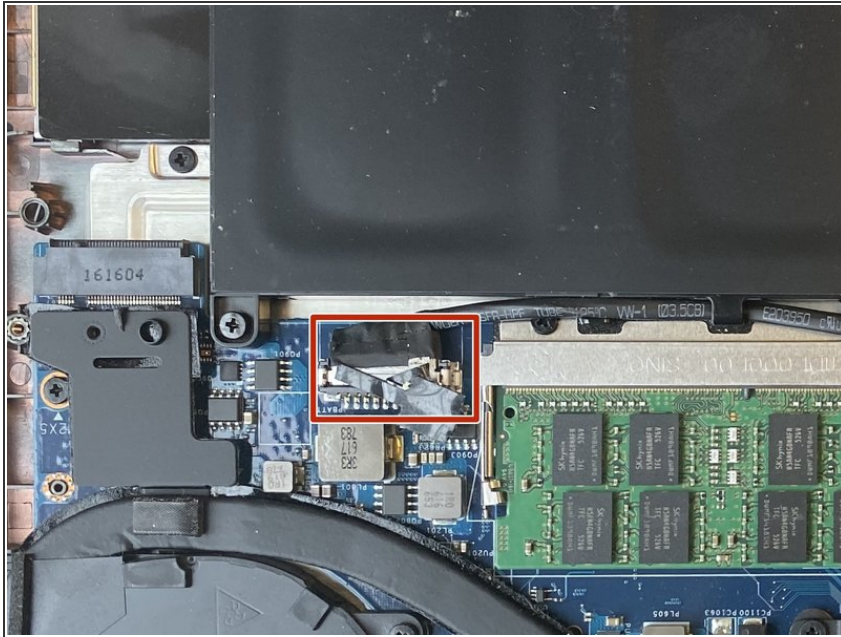
- After opening the backcase of the computer, remove the screws using the Phillips #0 screwdriver.
- Unplug and remove the wire from the socket.

Step 3



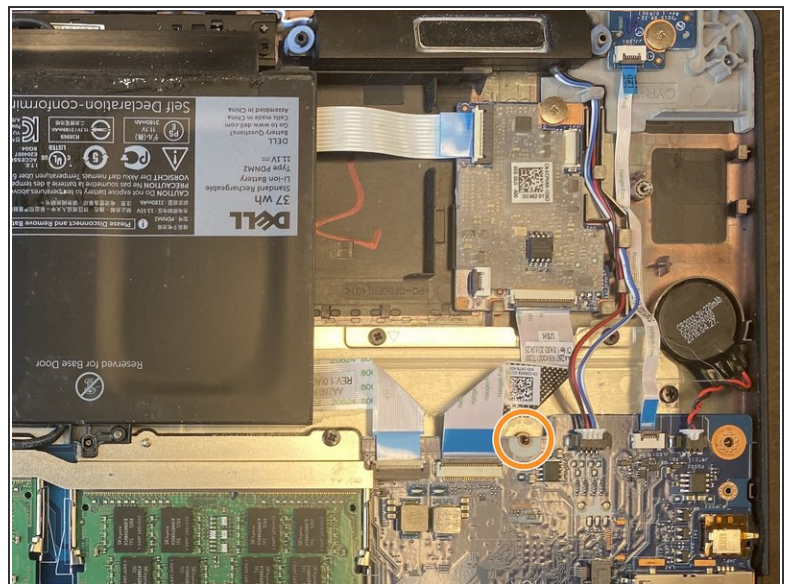
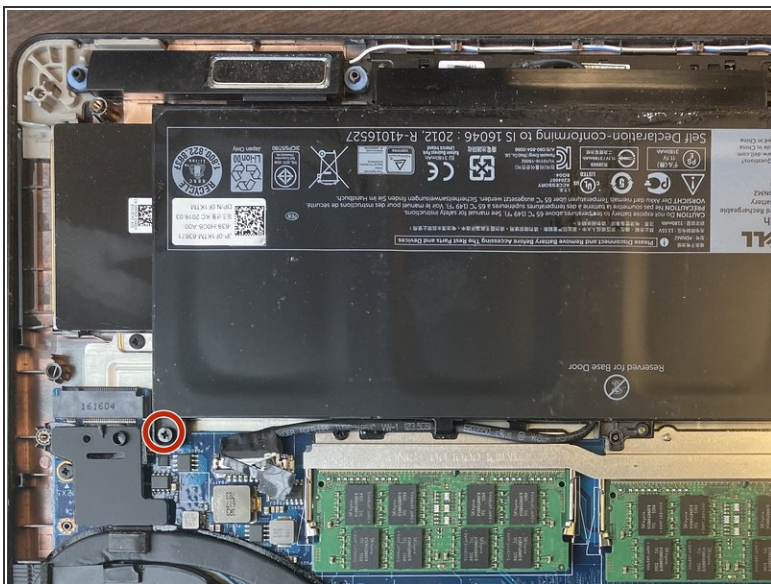
- Remove the fan and heatsink from the laptop.
- ✦ Make sure to wipe off the existing thermal paste from the CPU and heatsink with an alcohol-soaked pad and apply a new layer.

Step 4 — Battery



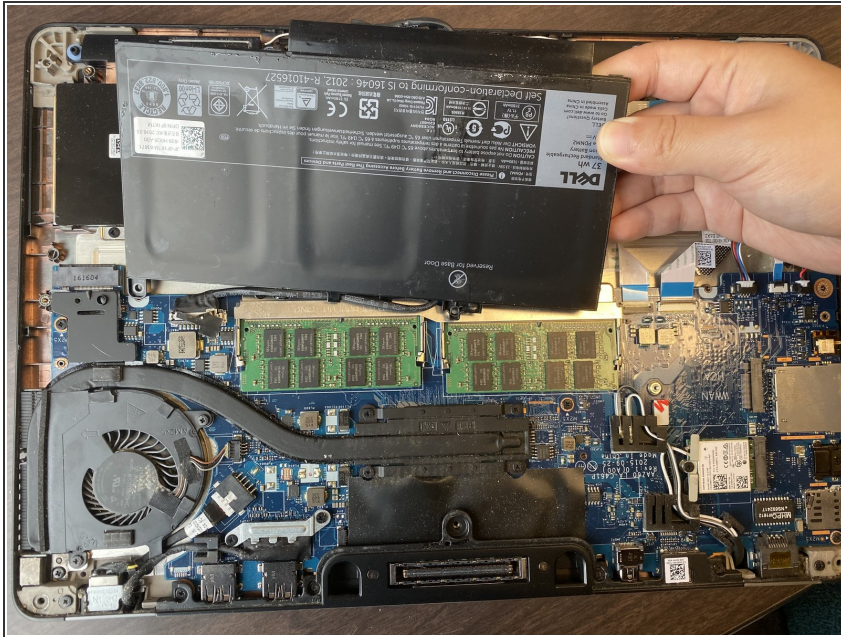
- Use the pull tab on the battery connector to lift the connector straight up off its socket on the motherboard, disconnecting it.

Step 5



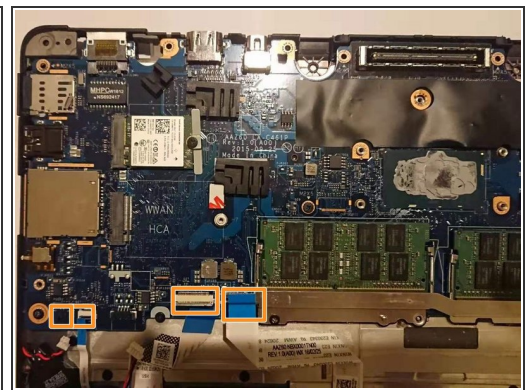
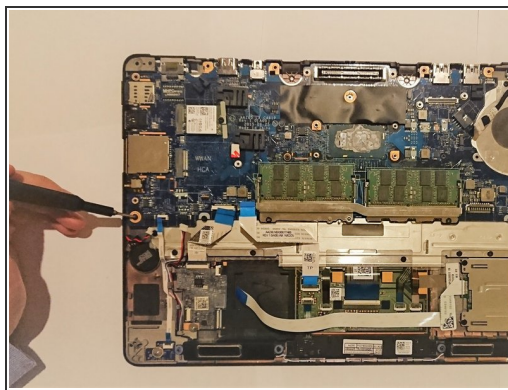
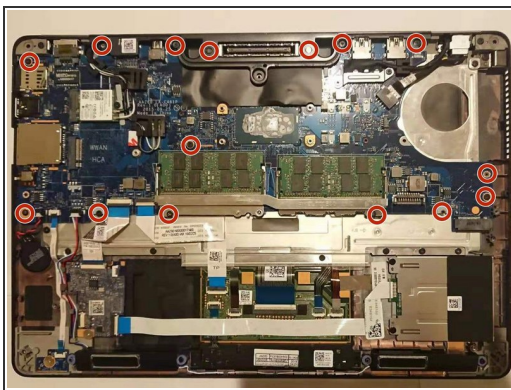
- Remove the single 4 mm Phillips screw securing the bottom left corner of the battery.
- If you are removing an extended capacity battery, remove the Phillips screw securing the bottom right corner of the battery.

Step 6



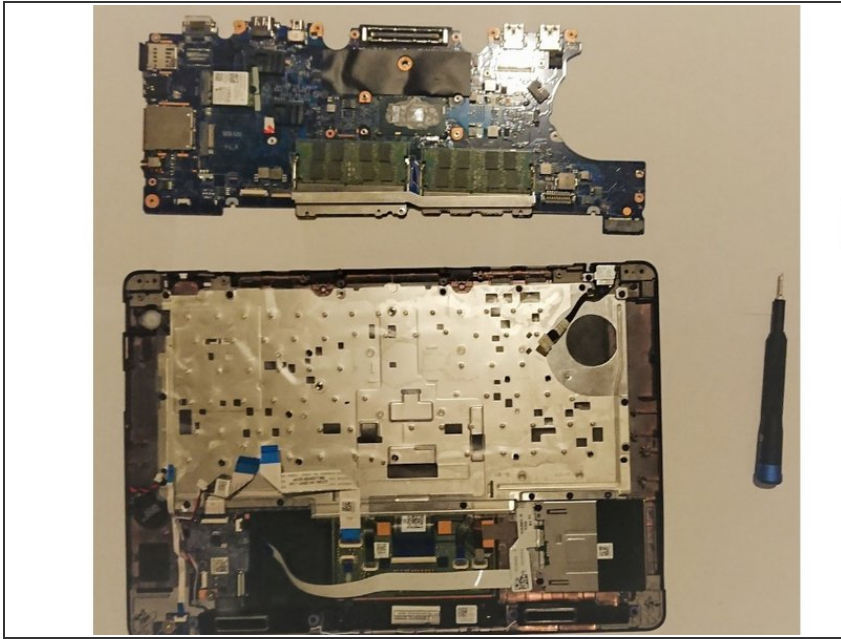
- Remove the battery from the laptop.

Step 7 — Motherboard



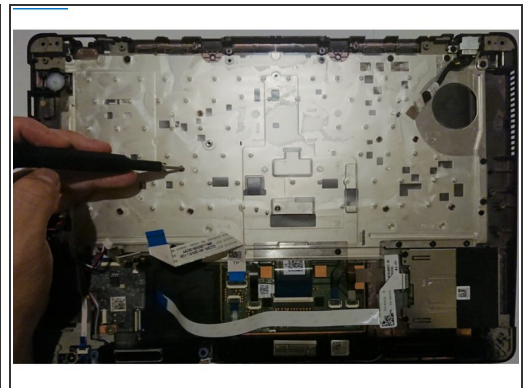
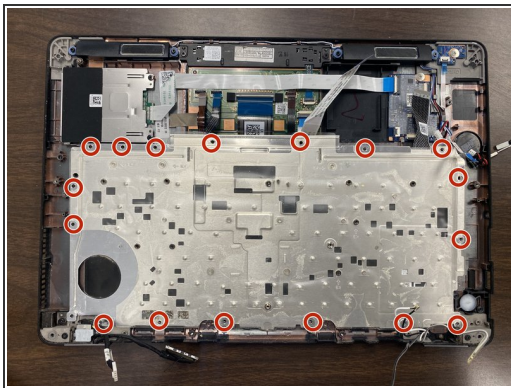
- Remove all the screws using a Phillips #0 screwdriver.
- Disconnect all of the cables from the motherboard.

Step 8



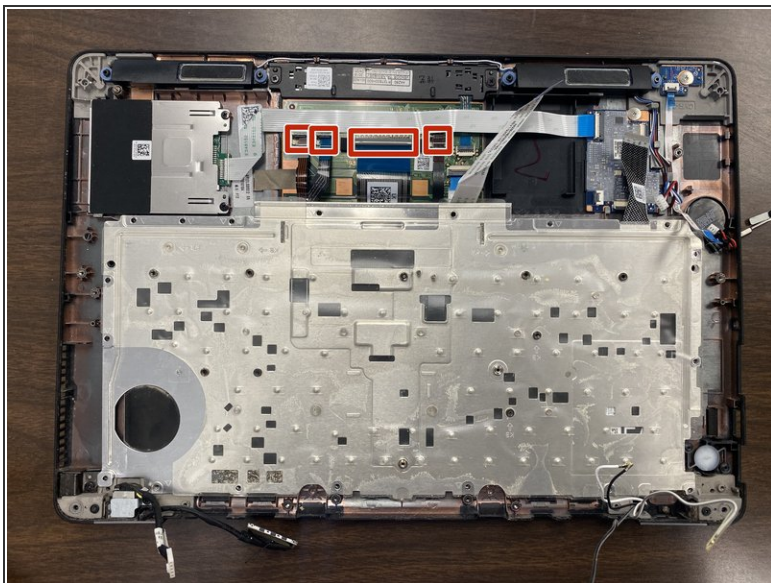
- Remove the motherboard from the laptop.

Step 9 — Keyboard



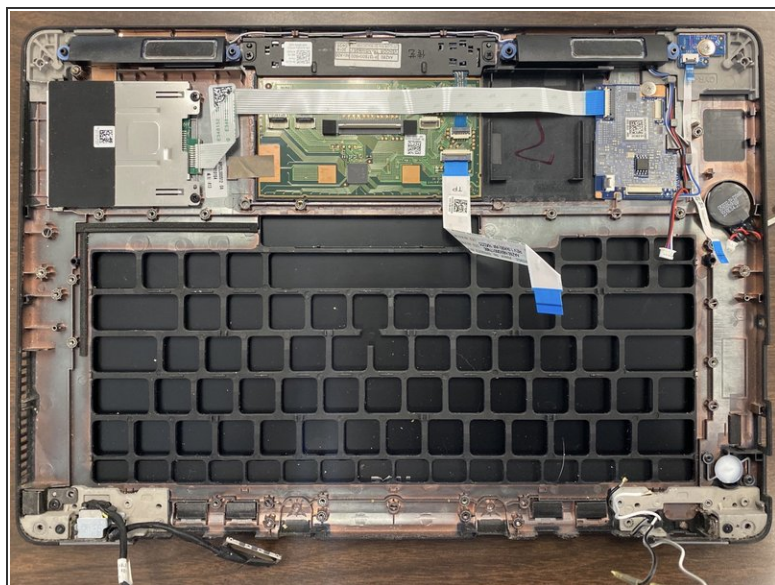
- Use a Phillips #0 screwdriver to remove the seventeen 4 mm screws.

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.