



Dell Latitude D830 RAM Replacement

This guide will show the audience how to replace the RAM in the Dell Latitude D830.

Written By: Jack McDonald



 **TOOLS:**

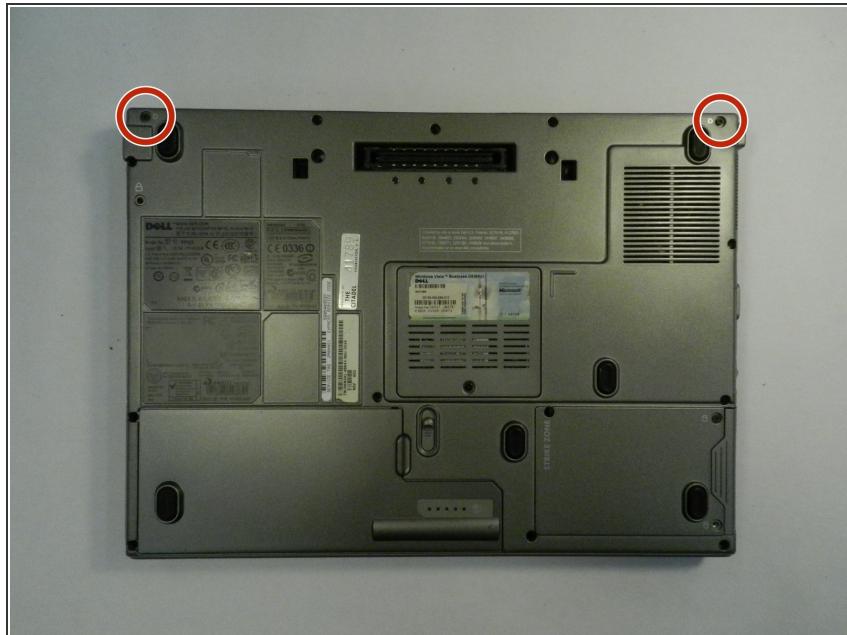
- Metal Spudger (1)
- Phillips #0 Screwdriver (1)
- 64 Bit Driver Kit (1)

Step 1 — RAM



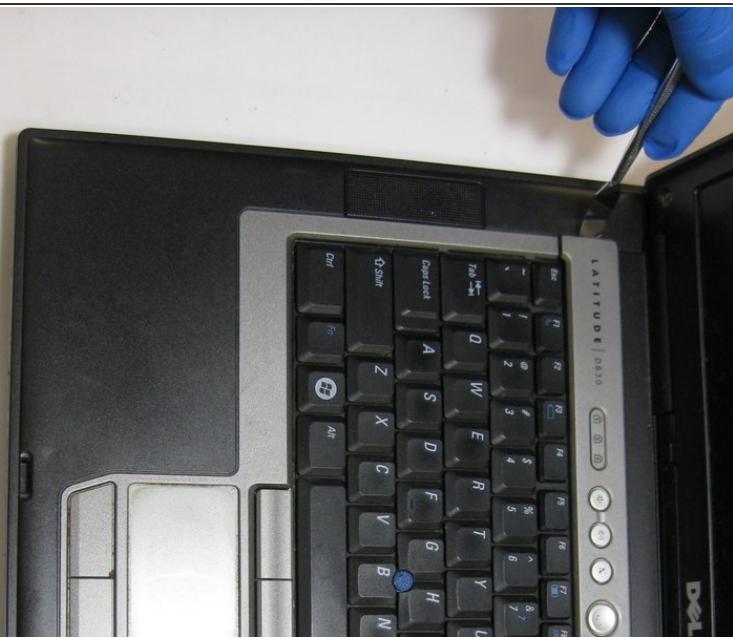
- Orient the laptop so that the back is facing you.
- With a phillip's head screwdriver, remove the two screws on the back corners of the laptop.

Step 2



- Flip the laptop over, with the opening still facing toward you.
- With a phillip's head screwdriver remove the two screws in the upper two corners

Step 3



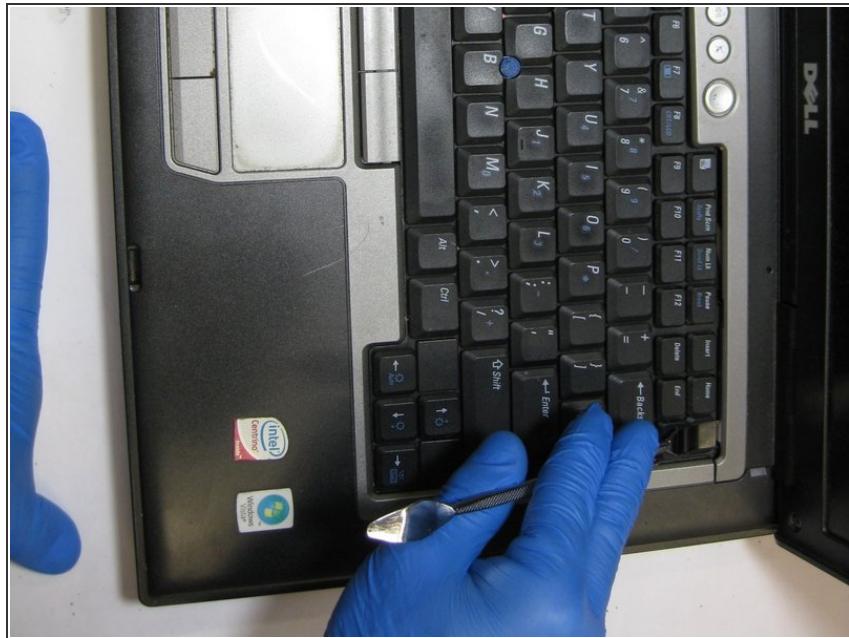
- Open the laptop up, displaying the keyboard and screen.
- Take a spudger and insert it under the left edge of the panel located between the keyboard and screen.
- Use the spudger to pry under the panel.

Step 4



- Place the spudger under the middle of the panel and use it to pry the panel off.

Step 5



- Place the spudger under the right side of the panel and use it to pry the panel off.
- If additional help is needed place the spudger in various places around the edge of the panel.

Step 6



- After the panel has been popped off you must the pull the screen up as shown in the picture.

Step 7



- The screen will only be connected by the wiring.
- Take the screen and gently lay it on the table as shown.
- Now you must remove the three screws marked in the picture.

Step 8



- After removing the three screws, slide the keyboard out so the mainframe of it is loose.
- There is still a component attached underneath.

Step 9



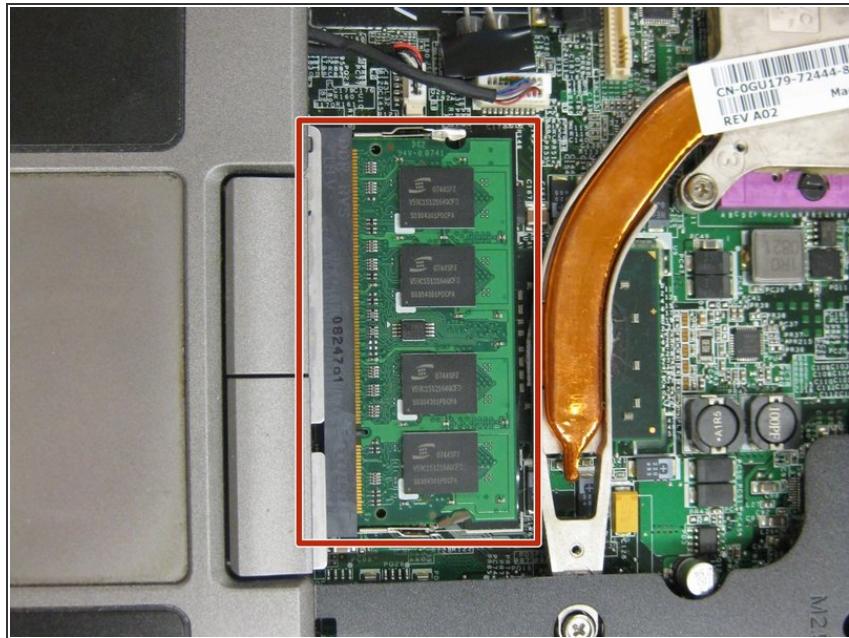
- The highlighted item should be the only component holding the keyboard.

Step 10



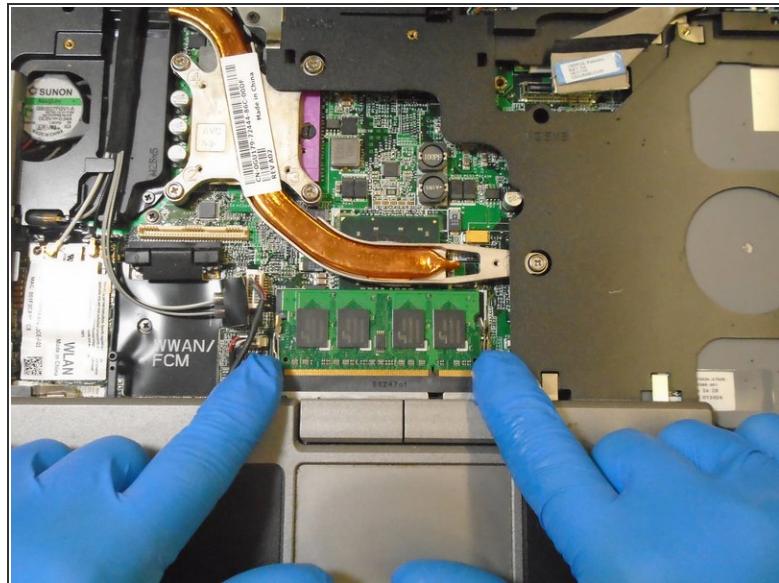
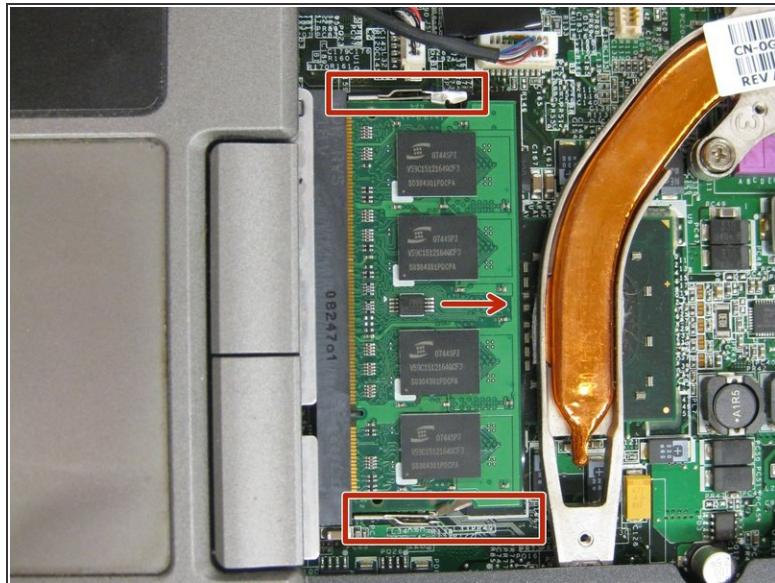
- Where the highlighted rectangle is, there is a silver lever that you must push back.
- Then where the highlighted circle is, you must take a spudger and push in.
- This will then pop the white clip off, and the keyboard will be completely free.

Step 11



- Once the keyboard has been removed you will see many of the circuit boards that lie underneath it.
- The item highlighted is the RAM.

Step 12



- The two clips highlighted are what hold the RAM in place.
- Each of the clips should be pushed outward, freeing the RAM
- The edge of the RAM that the arrow is pointing to should be pulled, removing the RAM

Step 13



- The RAM is now removed.

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