



Alienware 15 R2 RAM Replacement

This guide will teach you how to remove old RAM of your Alienware 15 R2.

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INTRODUCTION

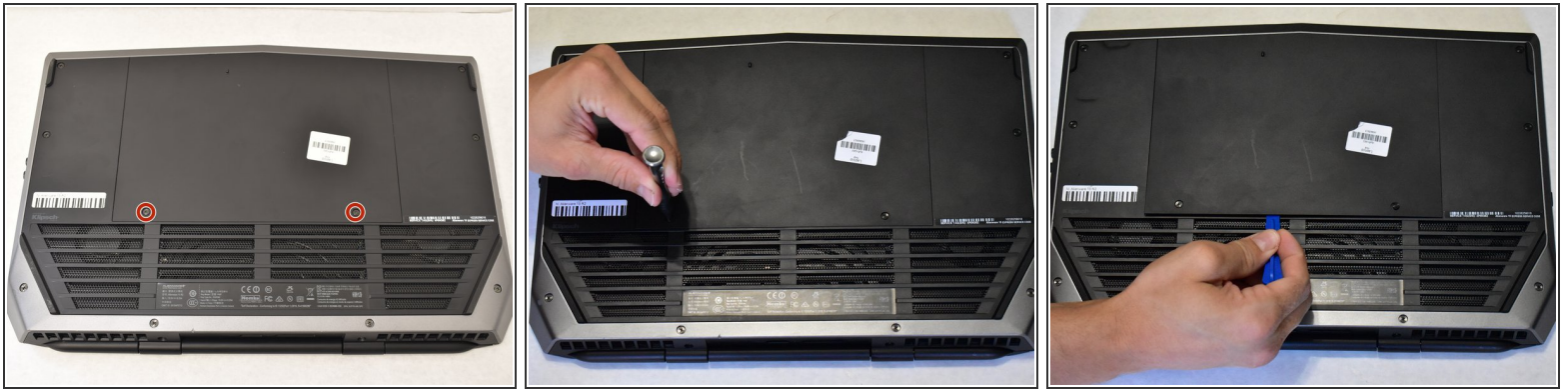
You might want to use this guide if your computer is running slowly or task manager is indicating a high memory usage often, as this indicates faulty RAM, or if you just want to add RAM to your Alienware 15 R2. Some RAM sticks are not compatible with others, or certain motherboards, so ensure that your RAM sticks are compatible with each other and the motherboard before replacing them. This can be done via online search for the motherboard brand and model (usually labeled on the motherboard itself) and finding compatible RAM brands. When working with computers, always make sure to unplug your computer and ground yourself before reaching inner components so you don't accidentally release an electrical charge into the sensitive technology. The discharge could potentially damage your computer's internals.



TOOLS:

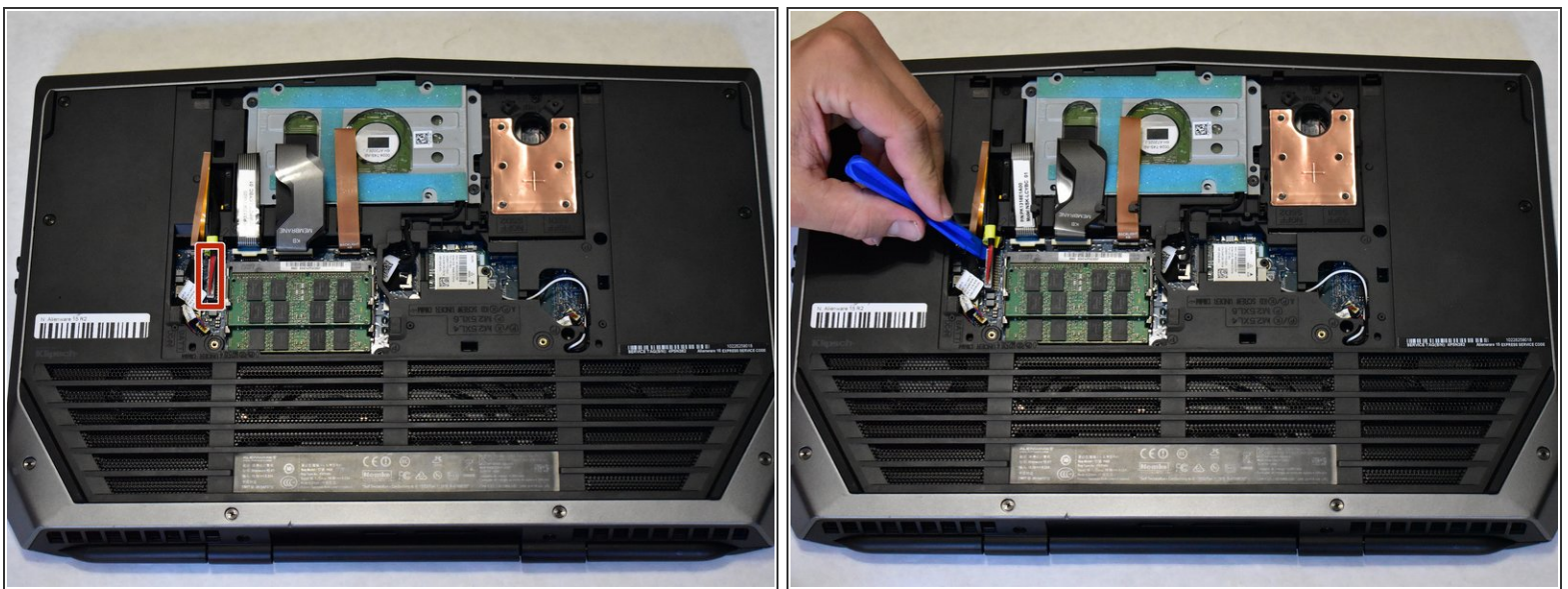
- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Anti-Static Wrist Strap](#) (1)
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Step 1 — RAM



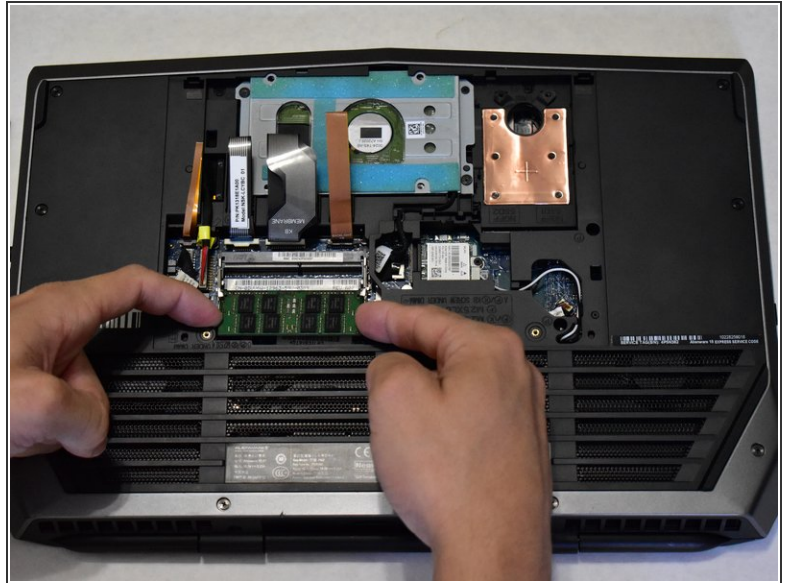
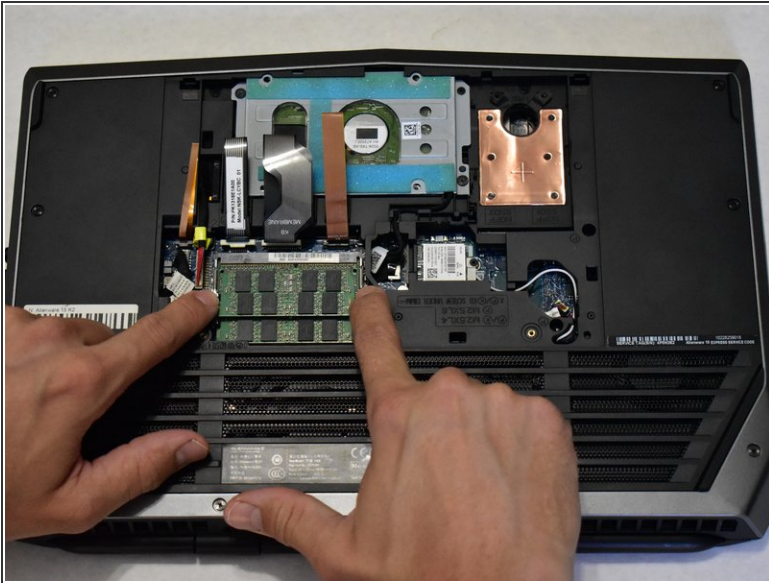
- Place laptop upside down with the hinge facing you, then remove the two 9mm Phillips #0 screws located in the center of the rear panel. Remove the rear panel by using the iFixit opening tool to separate it from the back of the laptop.

Step 2



- Use the opening tool to disconnect the battery cable.

Step 3



- Find the RAM located near the edge of the computer closest to you. Locate the small latches on either side of the RAM and pull them apart. Gently grasp the RAM stick on either side and pull straight out. Repeat for the second RAM stick.

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