



# Alienware M17-R1 RAM Replacement

This repair guide provides step-by-step instructions on how to correctly replace the RAM in the Alienware M17-R1.

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## INTRODUCTION

The RAM is a vital component in the Alienware M17-R1. As larger programs are being released, they will require more memory, meaning that the RAM may need to be upgraded.

### TOOLS:

- [Phillips #1 Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)

## Step 1 — Battery



- Push the slider until the battery is released from its socket.

## Step 2



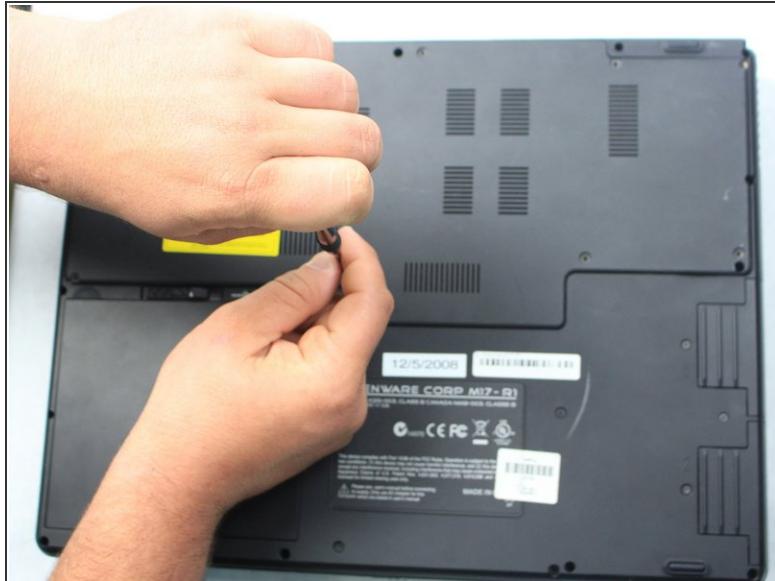
- Lift the battery using your fingers.  
*(i)* It may be necessary to use a plastic opening tool.

## Step 3 — RAM



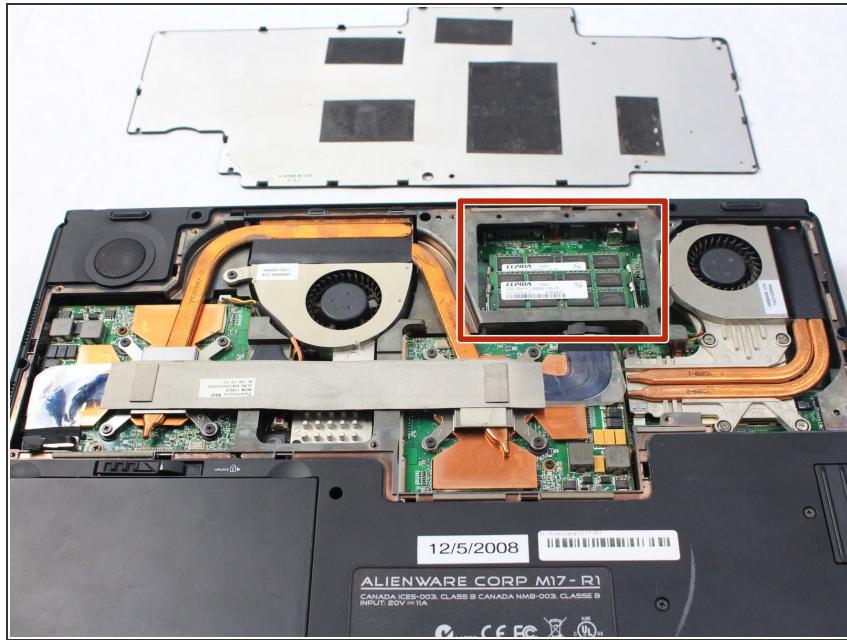
- Place laptop down on a hard flat surface to begin the disassembly.

## Step 4



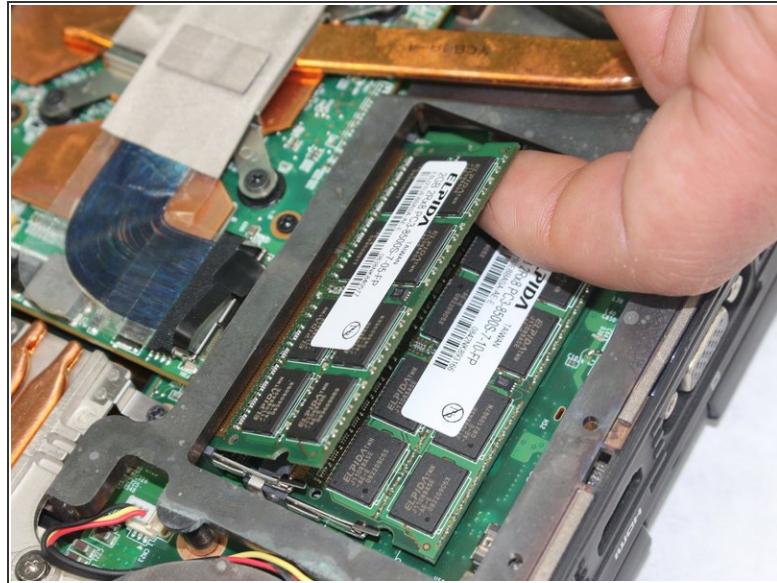
- Remove the nine 3 mm screws that secure the cover using a Phillips #1 screwdriver.

## Step 5



- Once the cover is removed, locate the RAM compartment to begin the replacement.

## Step 6



- After locating the RAM, gently pull the two metal clips outward and lift the RAM card out of its socket.
- (i)* The card will pop up once it has been released and can be removed.

## Step 7



- To insert the new RAM, place it on top of the socket and carefully apply downward pressure until it snaps into place.

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