



# Lenovo G50-80 80E5 RAM Replacement

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# INTRODUCTION

The Lenovo G50-80 80E5 was launched 7 years ago, in 2015. It is very important to keep the RAM up to date to ensure the laptop can process multiple games and applications at a high rate. RAM stands for random access memory and is responsible for storing the short term data your computer is actively using so that it can be accessed quickly and efficiently. If you are experiencing slow computer speeds, upgrading the RAM can help to alleviate that issue, helping the laptop to run at higher speeds. If you think you may benefit from upgrading your RAM, follow this guide to remove and replace the RAM in a Lenovo G50-80 80E5.

Before beginning, make sure to power the laptop off and remove the laptop from any external power source such as the laptop's charger.

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## TOOLS:

[Phillips #0 Screwdriver](#) (1)  
[Tweezers](#) (1)

## PARTS:

[5M30G18424 - Lenovo Laptop DDR3-1600 SODIMM - Genuine](#) (1)

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## Step 1 — Battery



- Place laptop on a flat surface with the back cover facing up and the hinges facing you.

## Step 2



- Slide the tab positioned on the right side to the right.
- ① You will know this has been done correctly when you can see the red surface beneath the tab.

## Step 3



- Move the left tab to the left to release the battery.
- You will hear an audible 'click' and see the battery separate from the rest of the laptop.

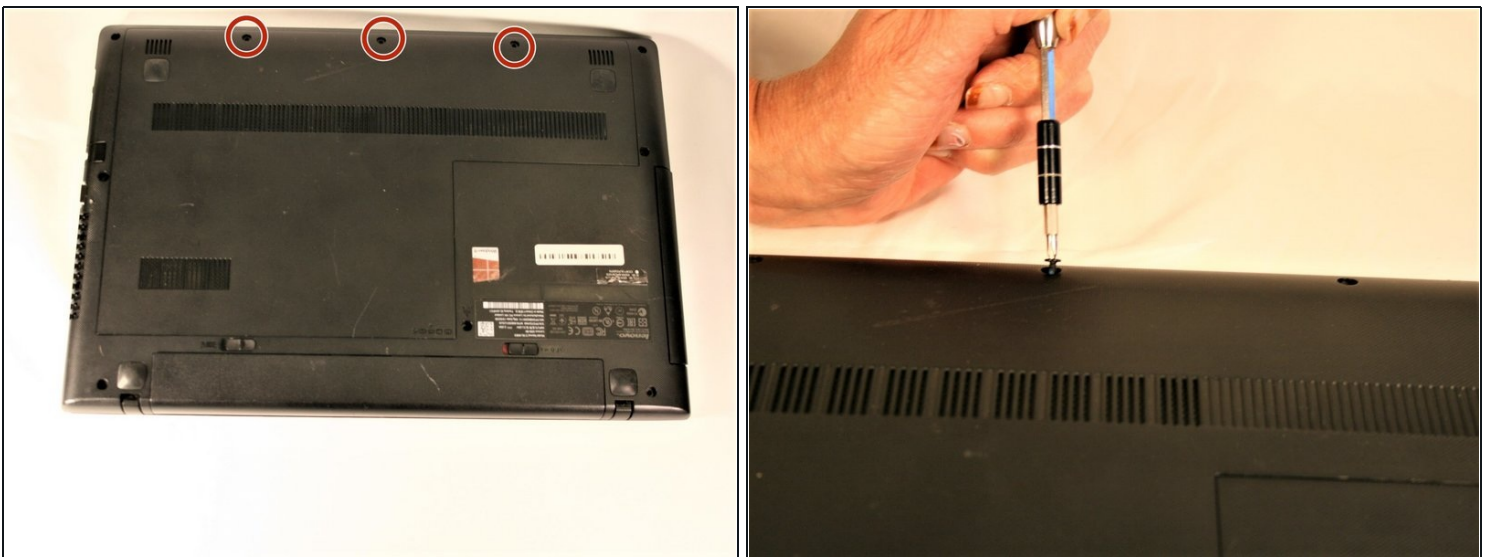


## Step 4



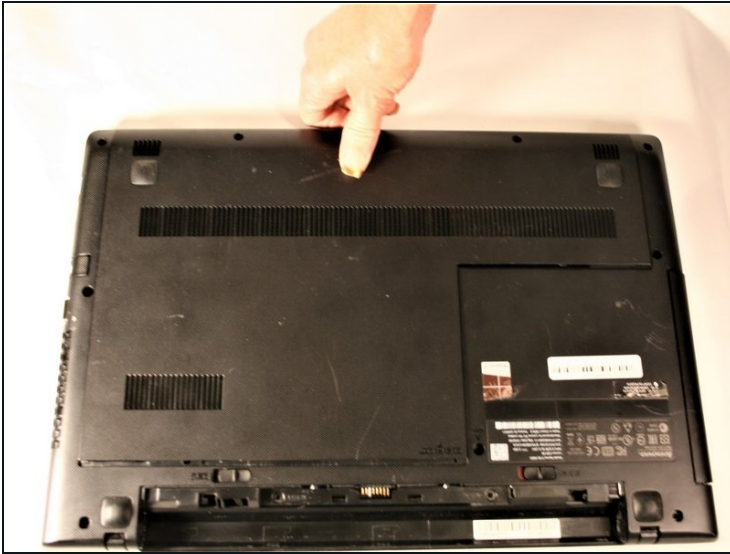
- Hold the battery at the top seam between it and the laptop.
- Roll the battery towards yourself.
- Lift the battery out of the laptop.

## Step 5 — Bottom Access Panel



- Remove the three screws securing the outer cover of the laptop using a Phillips #0 screwdriver.

## Step 6



- Slide the cover away from the hinges and lift the panel off.

## Step 7 — RAM



- Use the tweezers to push the two silver clips to the left and right of the RAM chip outwards.

ⓘ The RAM will release after pushing the second clip.

## Step 8



- Use your fingers to carefully remove the RAM chip by sliding it out at a  $\sim 45^\circ$  angle.

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