



# Asus Vivobook 15 S510UA-RS51 RAM Replacement

This laptop is the Asus Vivobook 15 model...

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# INTRODUCTION

This laptop is the Asus Vivobook 15 model **S510UA-RS51**. In this tutorial, you will learn how to disassemble your device and replace your faulty memory/RAM stick with a new one. The reason why this guide is needed is due to the fact that memory is a crucial component of a computer. A faulty memory stick may result in corrupted files or extremely slow speed. The procedure itself is very simple. In summary, all you have to do is take out the screws, open the cover, find the RAM stick on the motherboard, and replace it with a new one.

**Requirements:** Make sure to follow these steps carefully. Do not use excessive force. You may also wear latex gloves(optional) to protect your device from electricity from static friction.

**Hazards:** It is crucial to make sure that your laptop is POWERED OFF before attempting to disassemble it.

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## TOOLS:

Spudger (1)

Phillips #000 Screwdriver (1)

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## Step 1 — RAM



- Remove the rubber feet to expose hidden screws.
- Using the Phillips #000 screwdriver, remove twelve screws from the bottom cover of the laptop.
  - Seven 4 mm screws.
  - Three 2 mm screws.
  - Two 6 mm screws.

## Step 2



- Insert the spudger into the side of the laptop and slide the spudger around the edges of the laptop to free the back cover from the rest of the device.

## Step 3



- Remove the back cover from the device.

## Step 4



- Using your hands, push the clips securing the RAM away from each other to release the RAM stick.
- ① Repeat this step for any additional RAM sticks.

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