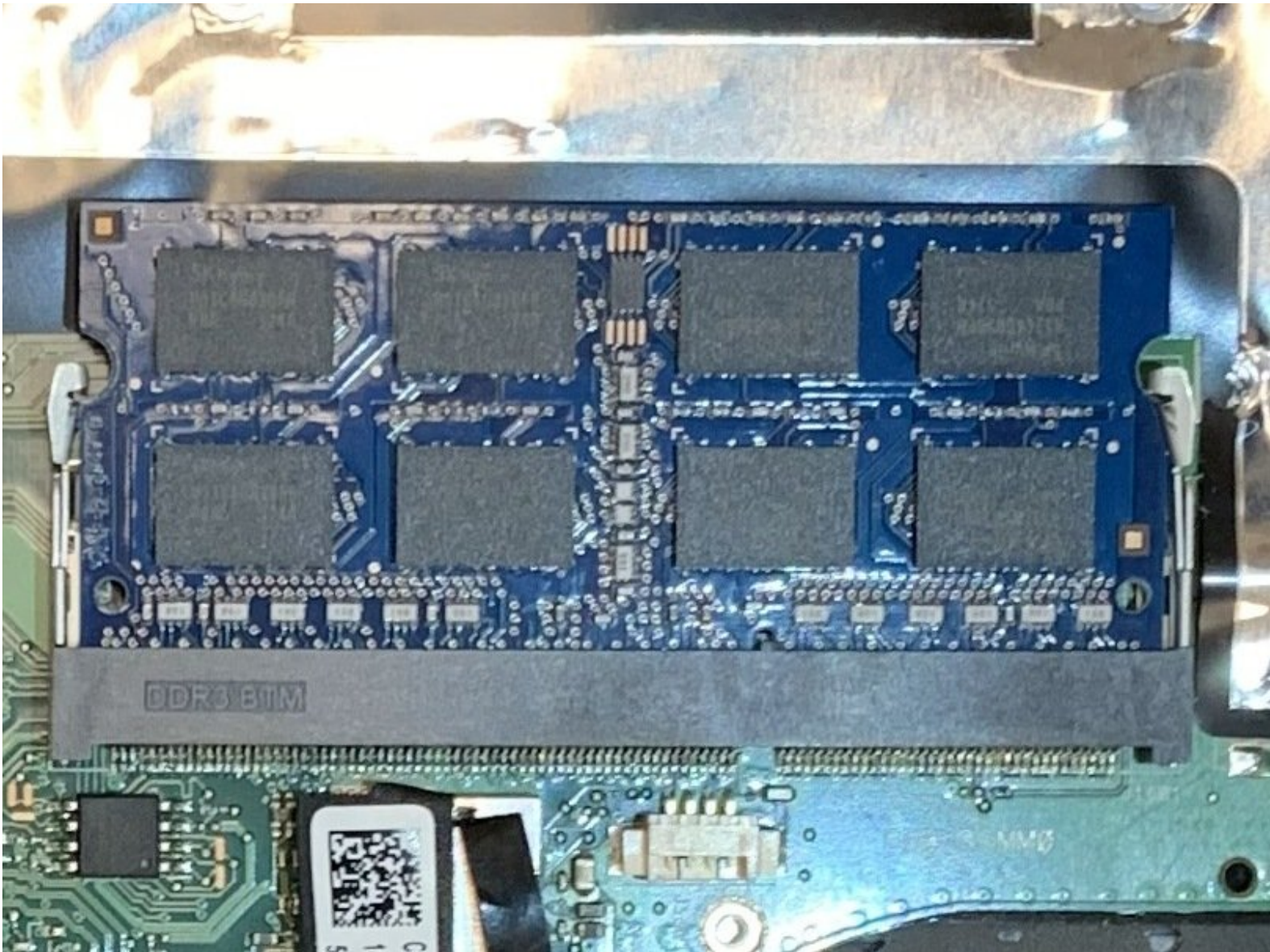




Asus Q503UA-BSI5T17 RAM Replacement

This guide will show the step-by-step processes of replacing RAM on the Asus Q503UA-BSI5T17.

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INTRODUCTION

If you need to replace or upgrade the RAM in your Asus Q503UA-BSI5T17, follow this guide.

Increasing RAM in your laptop might want to be done to increase multitasking capabilities or to speed up a constant lag in applications. You may also want to replace damaged or burned-out ram causing 'memory leaks' or otherwise not being able to perform to its specified capability. Before replacing your RAM it's best to run a memory test, this is a function most computers have built into the preboot environment and is initiated before the operating system starts. You can find instructions on how to start a memory test in the owner's manual or by following instructions in the link provided below.

The Random Access Memory (RAM) is a memory device that stores running programs and data information on a computer. Defective ram in your laptop may cause issues such as Frequent crashes, Freezing, and unplanned reboots. If these problems happen when you are running an intensive application, such as a game, then you likely do not have enough RAM or the RAM is too low speed to keep up with the demands of the application. By replacing your RAM, your applications will run better and you will be able to access the applications quicker.

It's a simple replacement, so you do not need any special skills. However, you need to adjust your finger strength and have a gentle grip because most parts are plastic, so they are easy to break.



TOOLS:

- [iFixit Opening Tools](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Magnetic Project Mat](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Anti-Static Wrist Strap](#) (1)



PARTS:

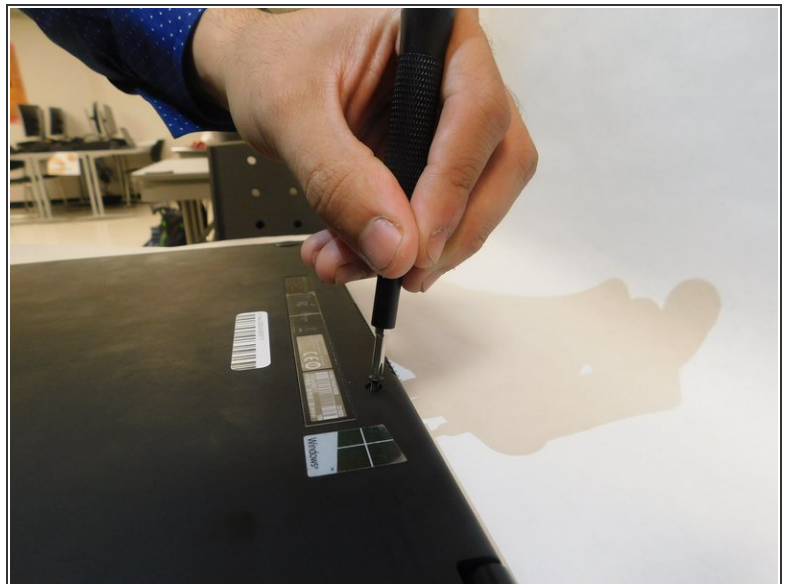
- [DDR3L SDRAM](#) (1)

Step 1 — Battery Replacement



- Flip the computer upside down. In order to ensure that the correct side is up, you should be able to read the sticker that indicates the serial number on the bottom.

Step 2



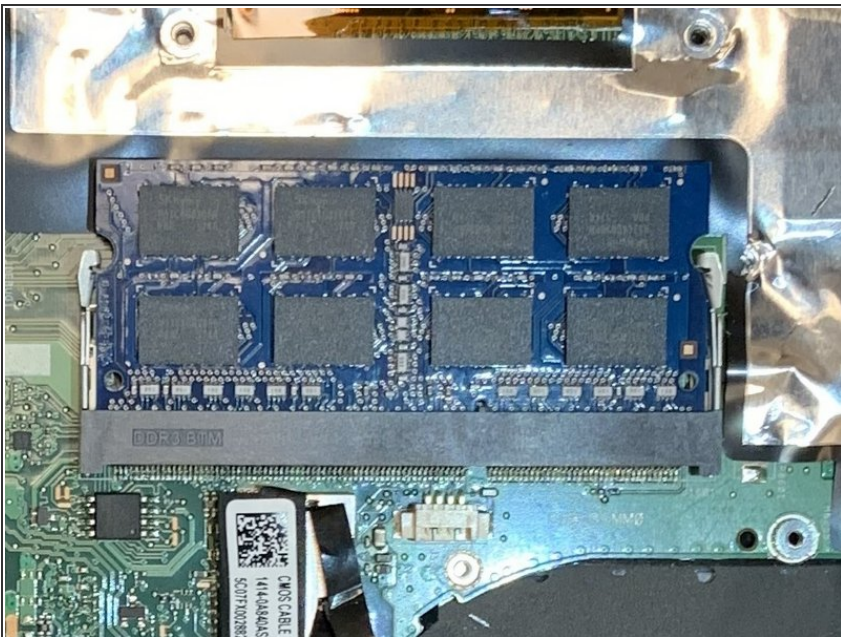
- Remove the ten circled screws along the perimeter of the laptop with a Phillips #0 screwdriver.

Step 3



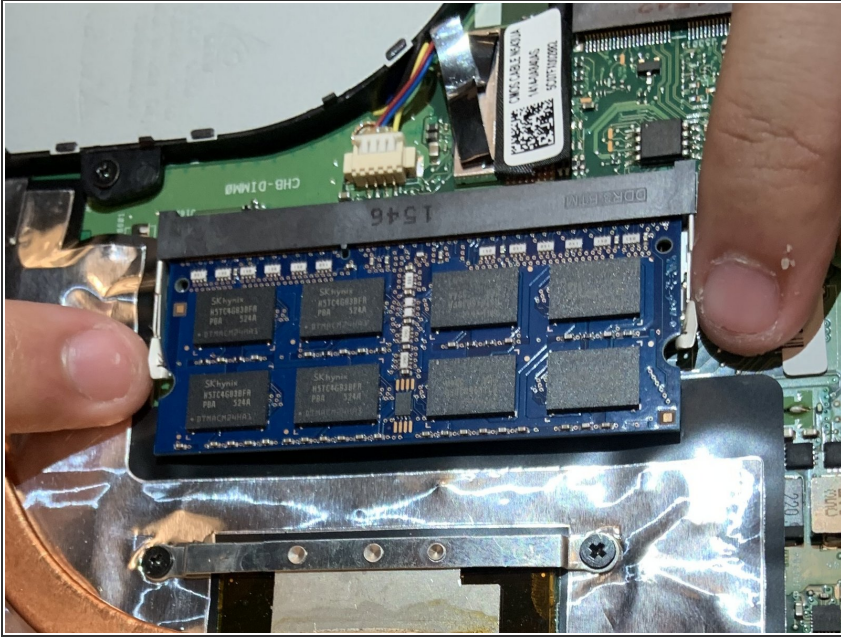
- Starting from the top right corner, use a plastic prying tool to separate the cover from the laptop. Use light pressure to prevent the plastic from breaking.
- ⓘ You should feel the frame coming loose. If necessary, use spacers to keep the frame from locking back into place.
- Repeat the above step around the laptop until you are able to lift the cover.

Step 4 — RAM



- Locate the RAM component. The RAM, in this case, can be characterized by its blue coloration and eight individual smaller black chips.

Step 5



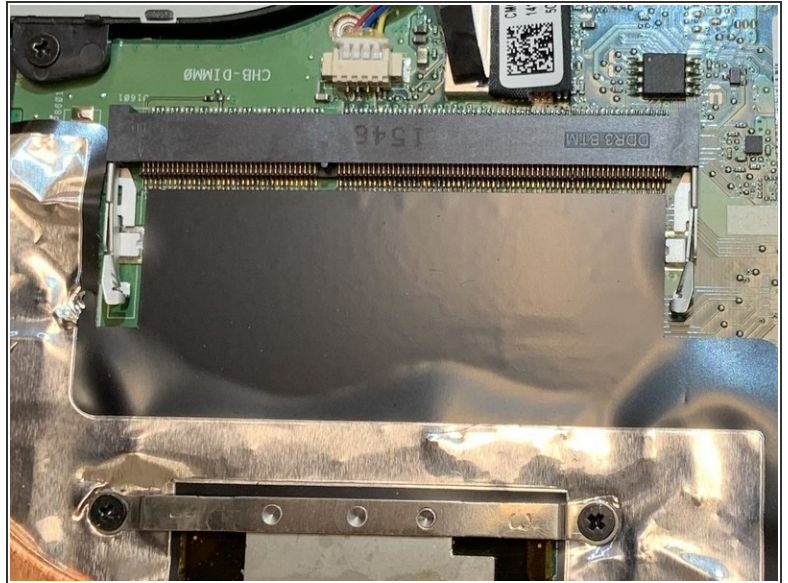
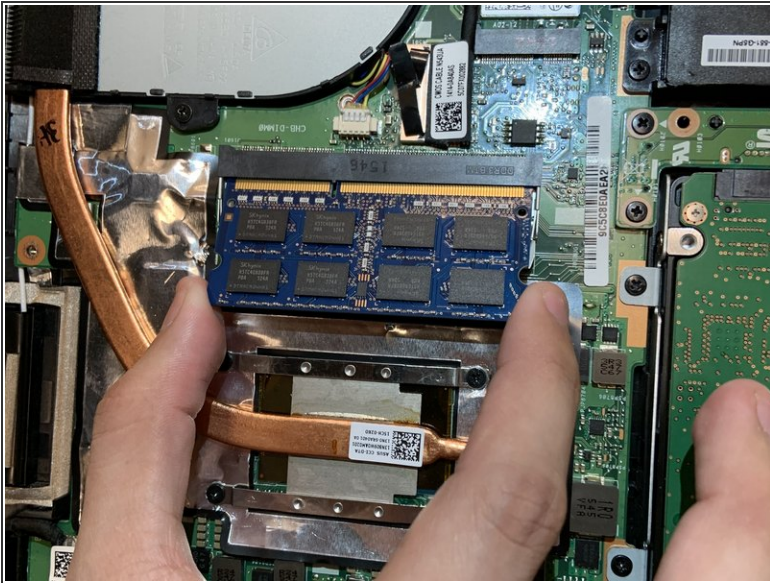
- Locate the two white locking mechanisms on the left and right sides of the RAM component. Once you've located them, proceed to push them away from the RAM component.

Step 6



- Upon unlocking the mechanism, you should find that the component now pops up at an almost 45-degree angle. Lift it up gently and carefully.

Step 7



- Now slide out the component gently and place it in a secure location.

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