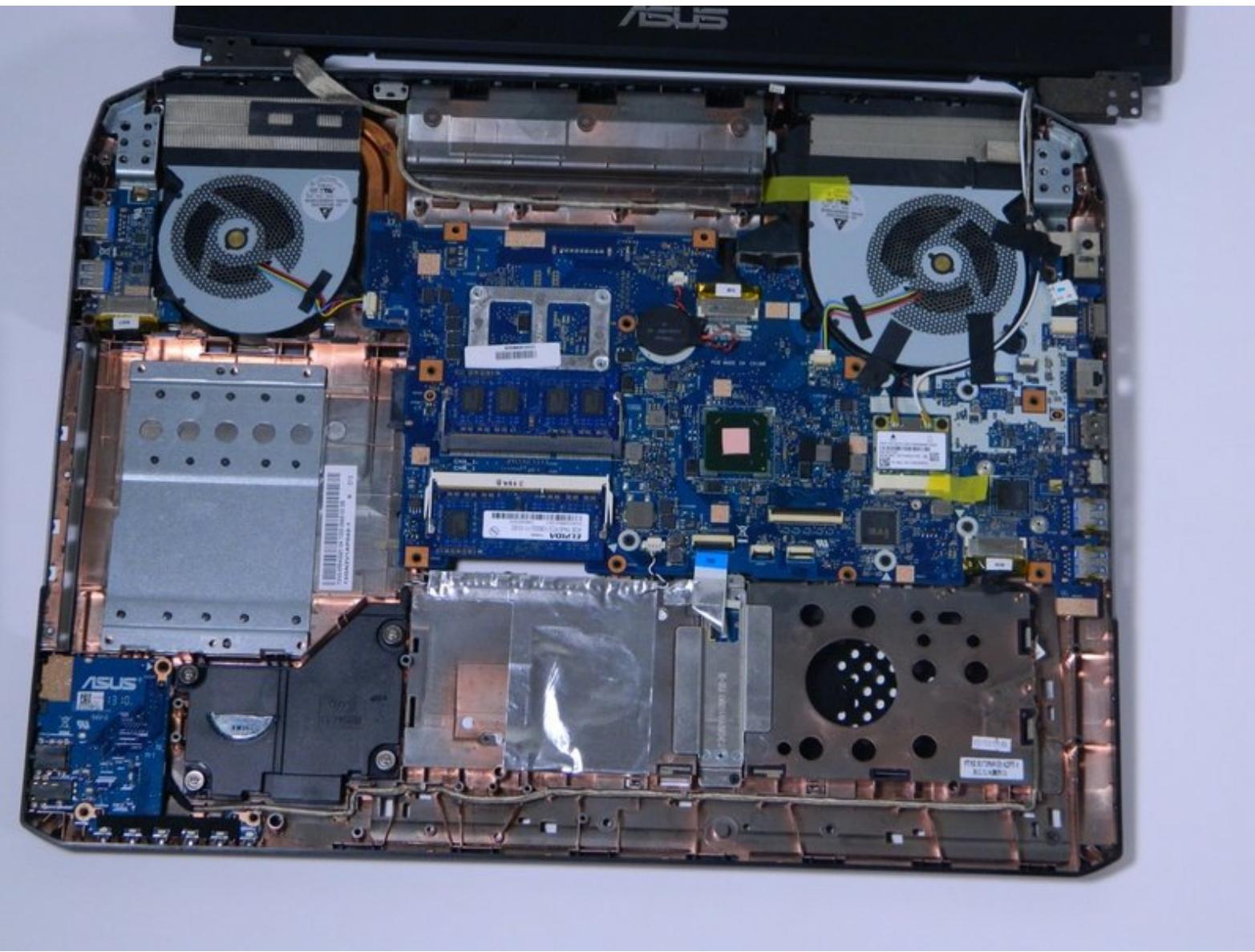




# ASUS ROG G75VX-BHI7N11 RAM Modules Replacement

Learn how to locate and replace the RAM modules.

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## INTRODUCTION

If you have defective RAM chips, or are just looking to beef up your system, this guide will show you how to locate and replace the RAM you have installed on your system.

### TOOLS:

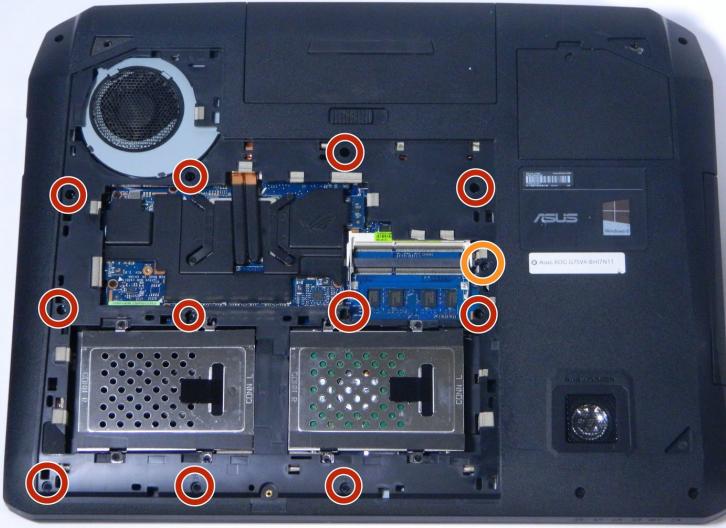
- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)

## Step 1 — ASUS ROG G75VX-BHI7N11 Disassembly



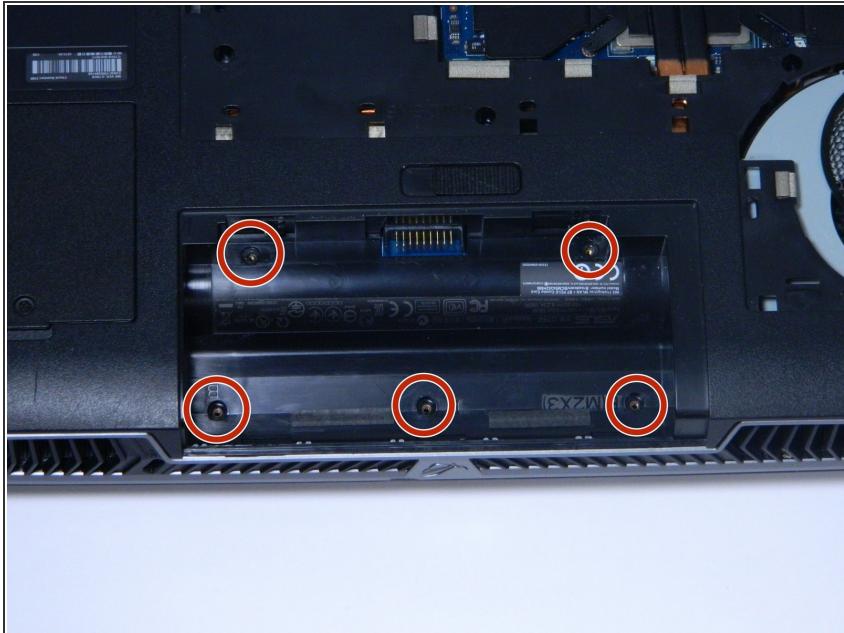
- Remove the 6 screws on the edge of the laptop using a screwdriver.
- Remove the back casing being held on by the one single screw. First, lift the casing at the edge where the screw once was, then carefully lift at the rest of the edges to loosen the casing. Pull the casing towards the edge where the screw was.
- Remove the battery by sliding the switch circled in the picture and pulling the battery out.

## Step 2



- Remove the 11 screws circled in the picture using a Phillips head screwdriver. They should be labeled on the laptop with a capital A, shown circled in red.
- Remove the screw labeled C.

## Step 3



- Remove the 5 screws circled in the picture, located where the battery pack once was.

## Step 4



- Remove the DVD ROM on the side of the computer, by pulling it out. If necessary, use a plastic opening tool.

## Step 5



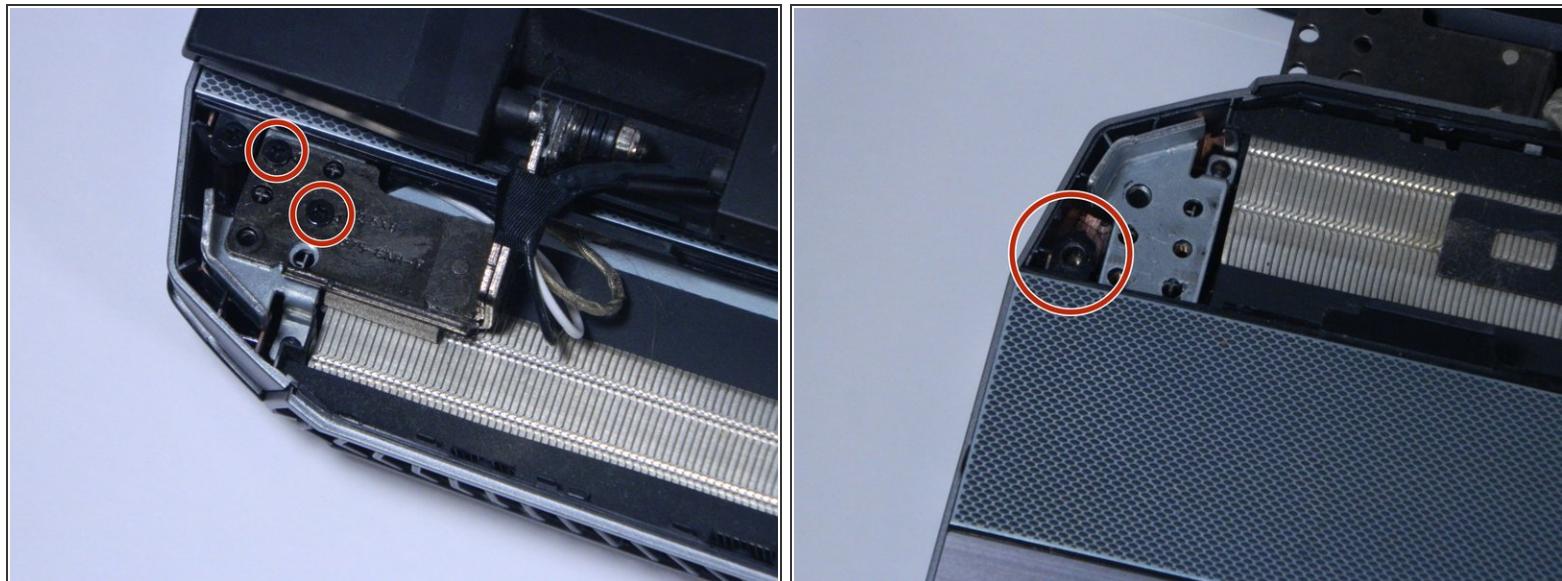
- Remove the three screws located where the DVD ROM once was, on the screen side of the laptop.

## Step 6



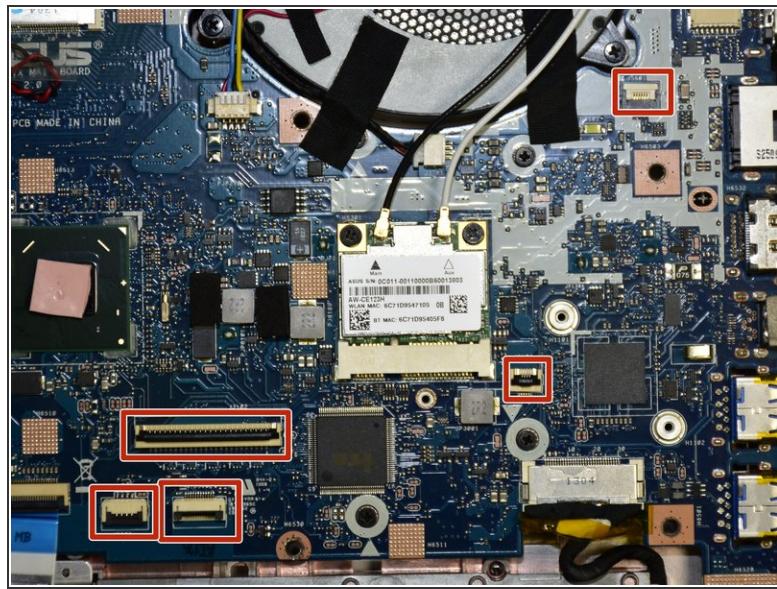
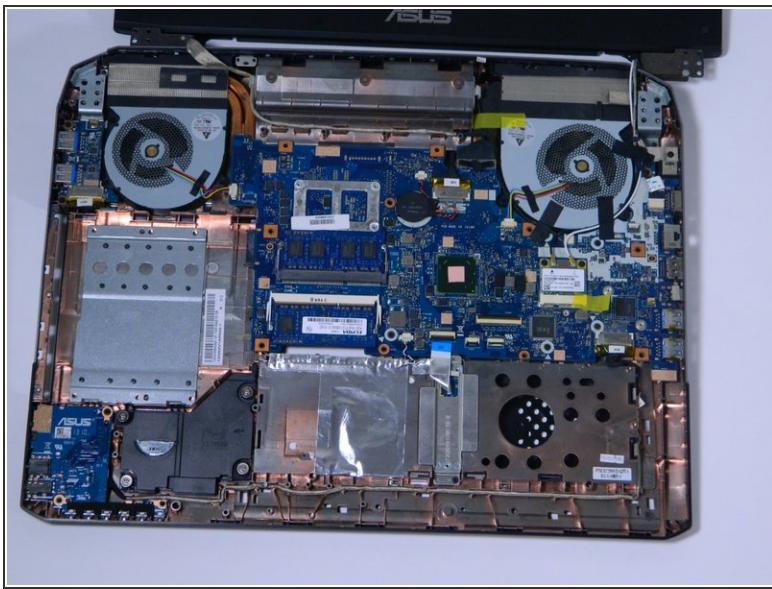
- Flip the laptop over and pop the back cover off behind the screen, by grabbing it on either side and pulling it up, vertically off of the laptop.
- There is a cable connecting the cover to the laptop, shown in picture 2.
- Disconnect the cable by pulling apart the white connectors, shown in picture 3.

## Step 7



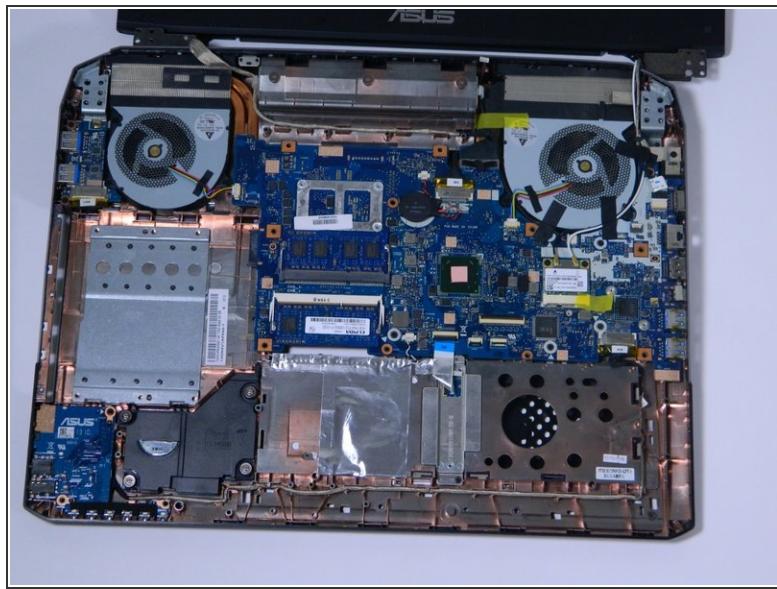
- There will be two smaller and two larger black screws on each hinge holding the laptop screen onto the computer. Remove all four of the larger screws with your P0 screwdriver.
- There is one screw on either side of the keyboards, next to the screen hinges. Remove both screws.

## Step 8



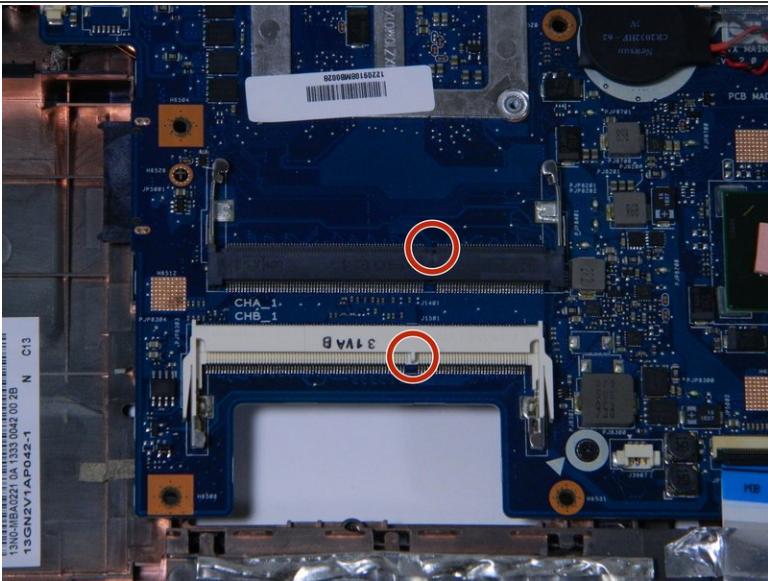
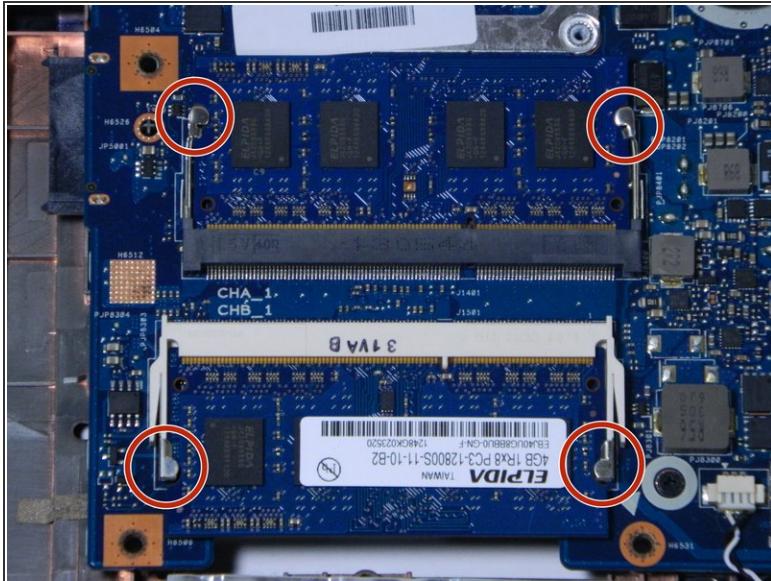
- You may now remove the keyboard plate. Simply lift from the back, and pull it off all the way around.
- Caution with removing the keyboard, as there are 5 ribbon cables that connect the motherboard to the keyboard (motherboard port locations shown in picture 2).
- The ribbon cables must be carefully disconnected from the motherboard side, by flipping a latch on the port and pulling the ribbon out.

## Step 9 — RAM Modules



- Once you have successfully removed the keyboard plate, locate the two blue rectangles in the middle of the laptop.

## Step 10



- The RAM chips are being held in place on either side by small spring-like levers.
- Simultaneously pull both of the levers out by the tabs shown circled in picture one, and the RAM chip should lift itself, awaiting removal.
- Simply pull the RAM chip out of its port, and it is ready to be replaced with a new RAM chip.
- Note that each bay has a line roughly 2/3 of the way to one side, and that determines which side of the RAM module goes up when replacing it. (Shown circled in picture 2)
- Also note that the levers should click back into place, locking the RAM in when it is pushed down all the way, but the RAM should not click into the port. The RAM chip slides into the port, then pushes down and clicks into place.

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