Acer Aspire ES1-512-C80E RAM Replacement

This guide will show you how to remove and replace the RAM in the Acer Aspire ES1-512-C80E laptop.

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INTRODUCTION

You may need to replace the RAM on your Acer Aspire ES1-512-C80E if you experience problems regarding the device's power. To do this, you will need Phillip's #00/#000 screwdrivers, and a spudger. Additionally, you will need a replacement RAM. To access the RAM, the back cover of the device will need to be removed. The process of replacing the RAM should take between 10-20 minutes.

TOOLS:

- Metal Spudger (1)
- Phillips #00 Screwdriver (1)
- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:

- PC3-8500 4 GB RAM Chip (1)
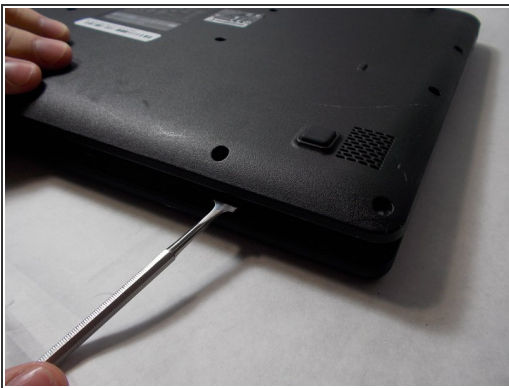
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Step 1 — Back Cover

- Place the device upside down on a flat surface.

- Using a Phillips #00 screwdriver, remove all nineteen 1.2mm screws that secure the bottom cover of the device.
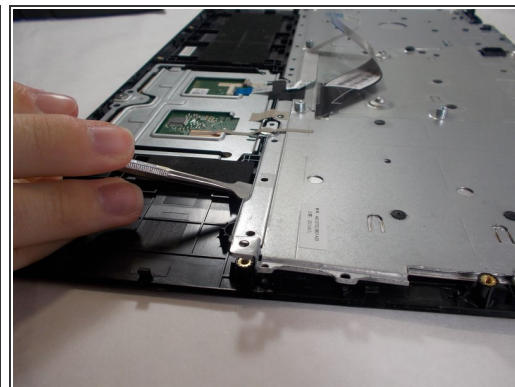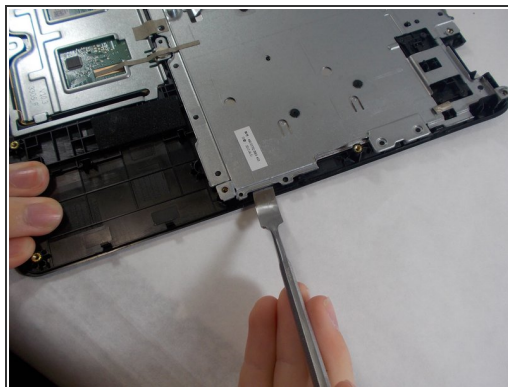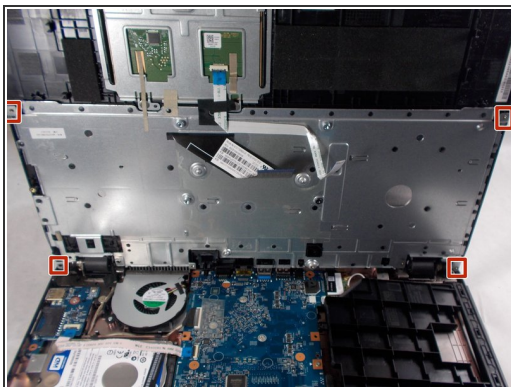
Step 2

- Pry around the edges with a spudger to remove the back cover.

- (i) The two hinges on the back require additional force to be popped open.

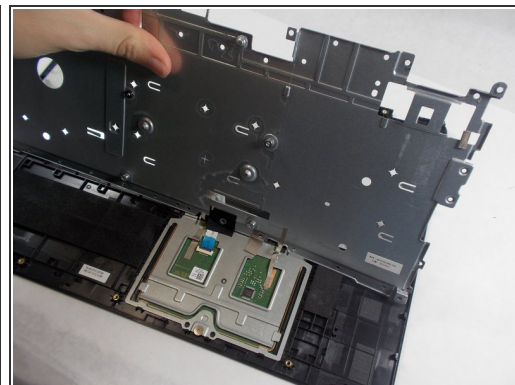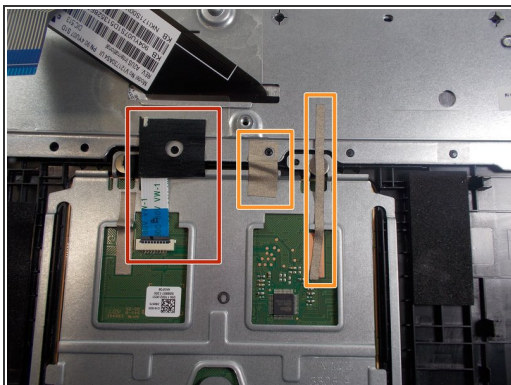This document was generated on 2020-04-17 05:24:28 AM (MST).

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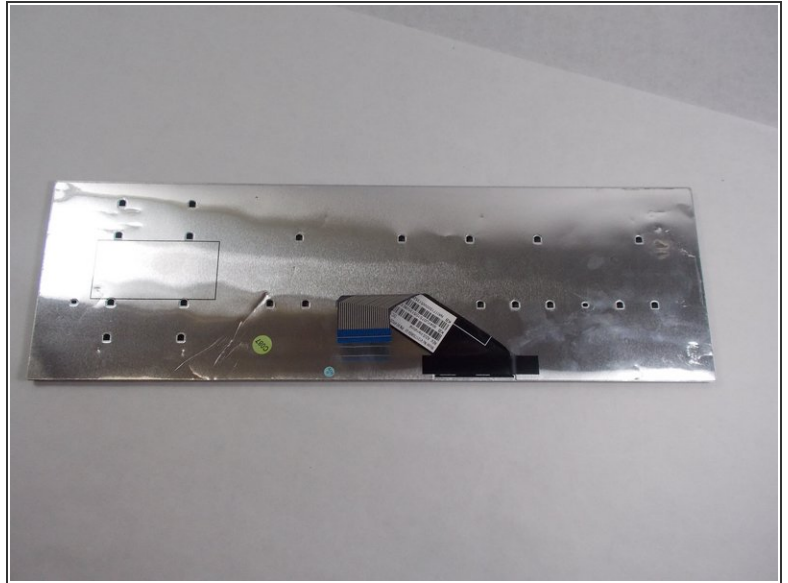
Step 3 — Keyboard

- ⓘ The keyboard is the silver piece located by itself on the upper half of the laptop.

- ● Using a Phillips #00 screwdriver, remove the four 1.2mm screws from the keyboard.

- ● Using a spudger, go around the edges and pry off the keyboard.

- ⓘ All black clips will have to be removed before the keyboard can be removed.

Step 4

- ● Remove the ribbon cable connection from the keyboard.

- ● Peel back the two pieces of tape to separate the keyboard.

- ● Remove the keyboard from under the plastic covering.

- ● Remove the silver plate back cover of the keyboard from the bottom base.

Step 5

- Remove the large silver plate from the keyboard.

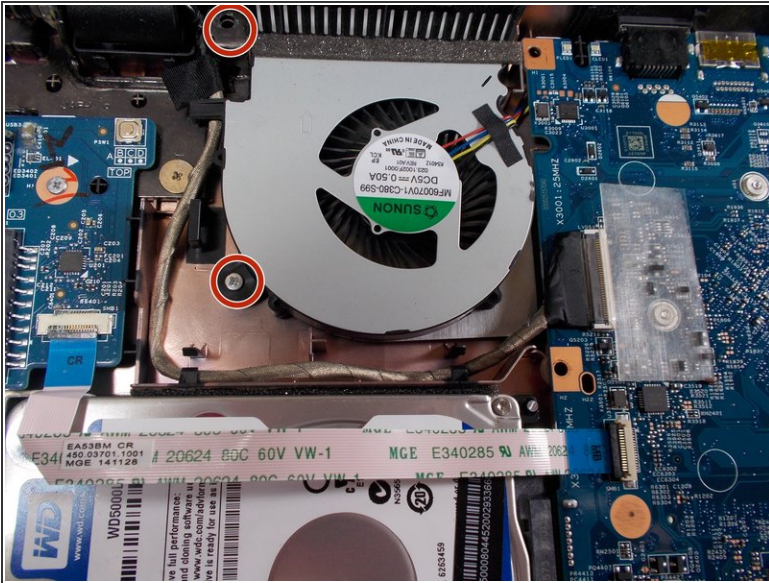ⓘ You can not remove the silver backing with the attached wire from the back of the keyboard.

Step 6

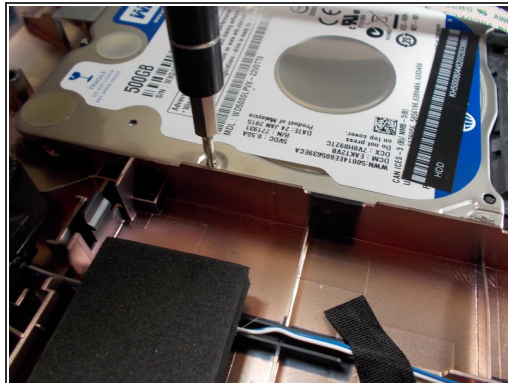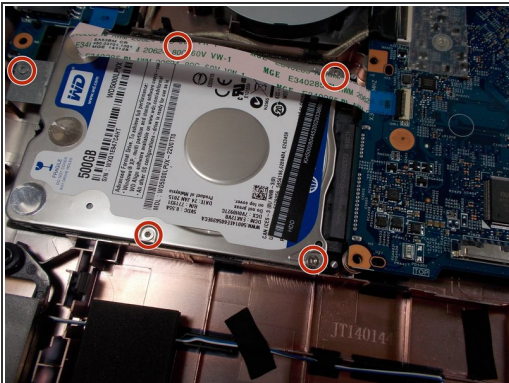- The keyboard is removed and ready to be replaced.

Step 7 — Hard Drive

- Using a #000 Phillips screwdriver, remove all nine 1.2mm screws that are on the motherboard, wireless LAN card, and fan.
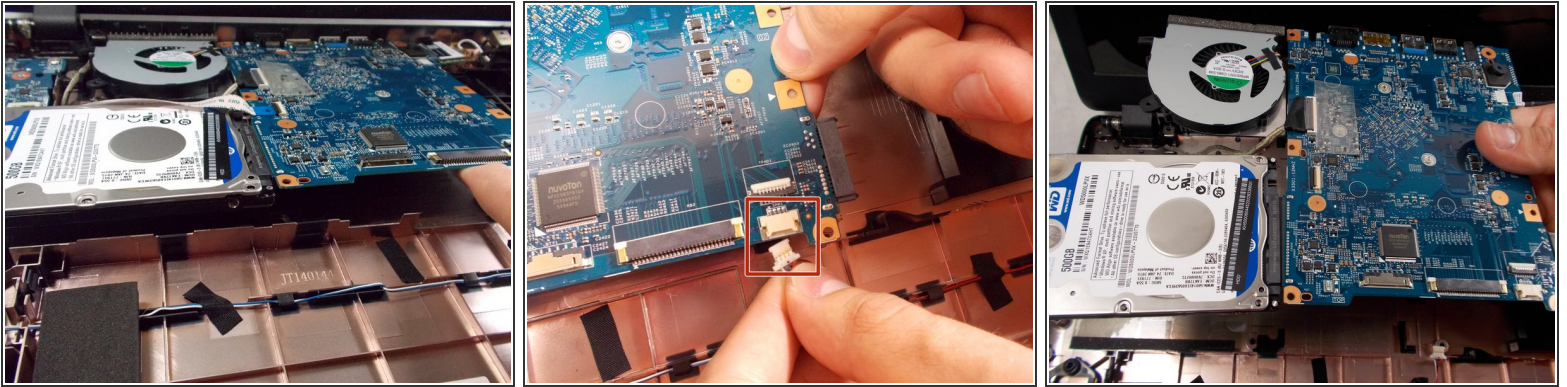
Step 8

- Using a Phillips #000 screwdriver, remove the five 1.2mm screws that hold the hard drive in place.

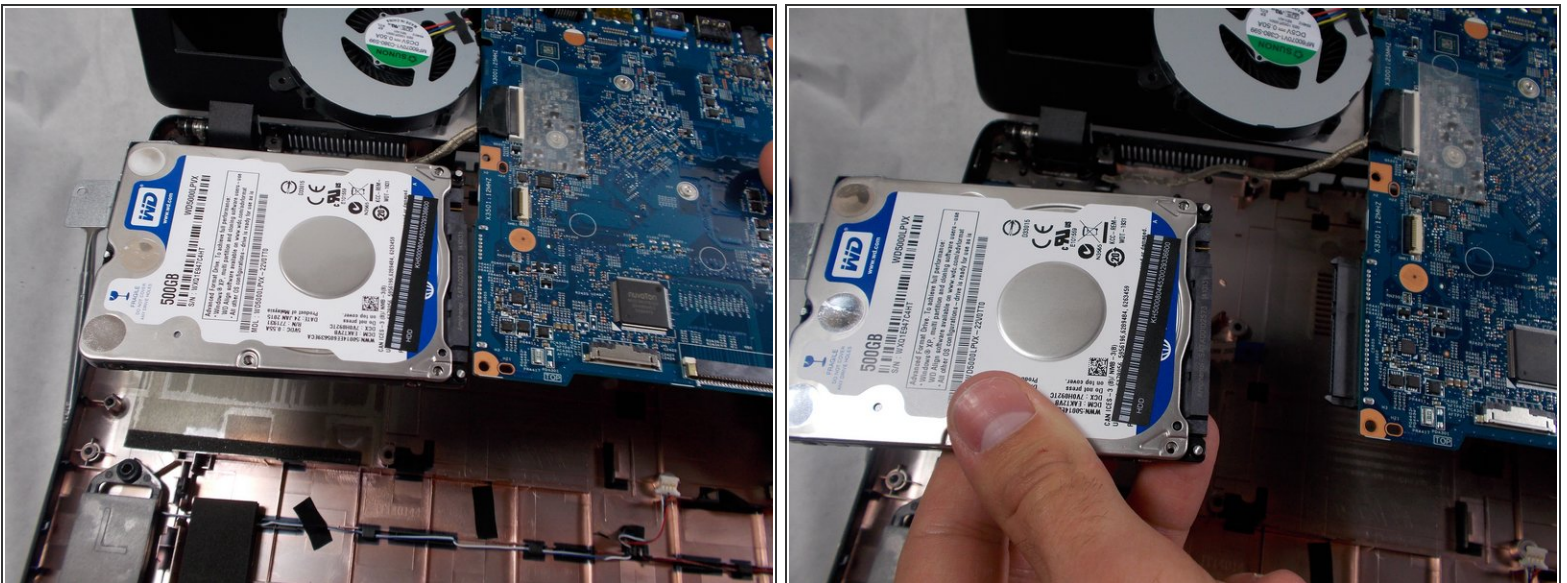This document was generated on 2020-04-17 05:24:28 AM (MST).

Step 9

- Lift the hard drive, fan, motherboard, and wireless LAN card out of the device.

- These components are still connected with wires. Remove all plugs that may be attached to other components in order to isolate the group of components.
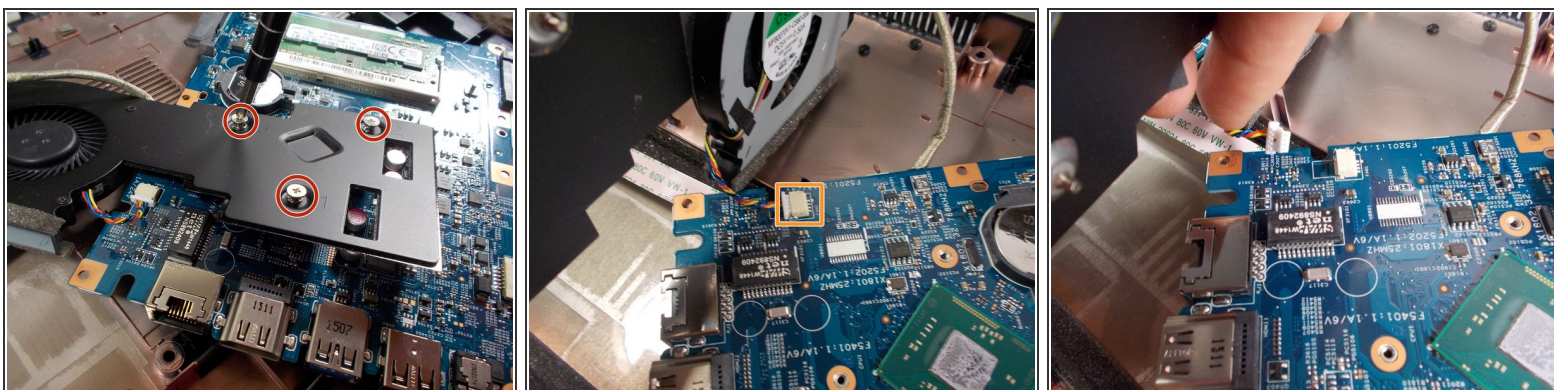
Step 10

- Once the four components are out of the device, the hard drive is ready to be removed.

- To remove the hard drive, unplug it from the motherboard.

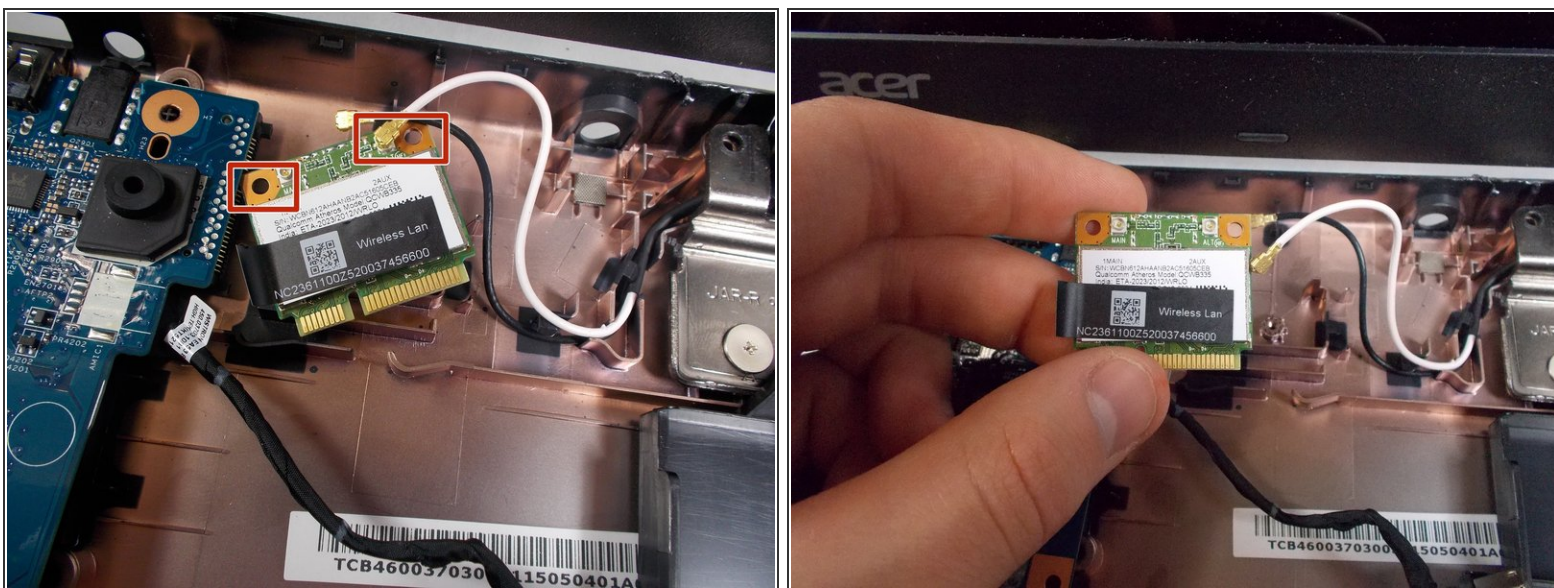This document was generated on 2020-04-17 05:24:28 AM (MST).

Step 11 — RAM

- Flip over the motherboard.

- Remove all three 1.2mm screws that attach the fan to the motherboard using a Phillips #00 screwdriver.

- Lift the fan off of the motherboard.

- The fan and the motherboard are still connected with wires. Remove any plugs that may be attaching the components.
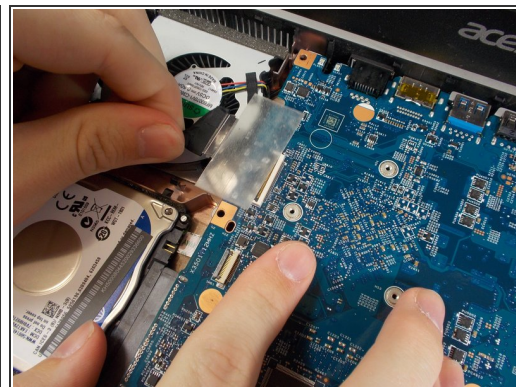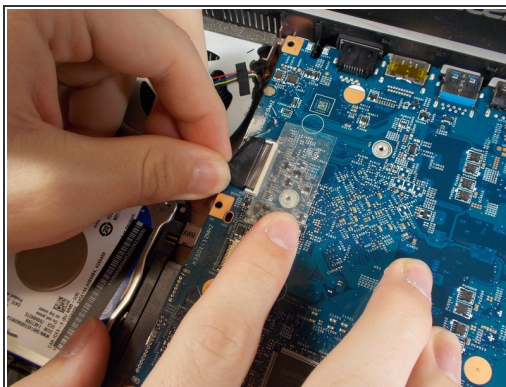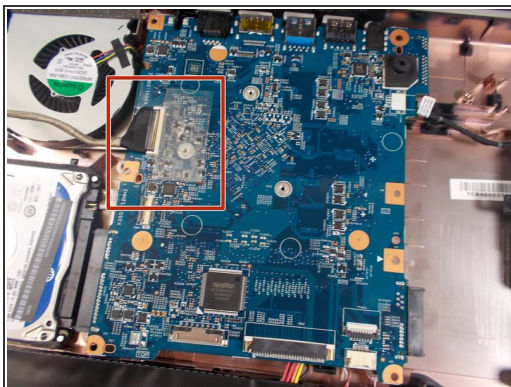
Step 12

- Remove the wireless LAN card from the motherboard by unplugging the connecting wires.

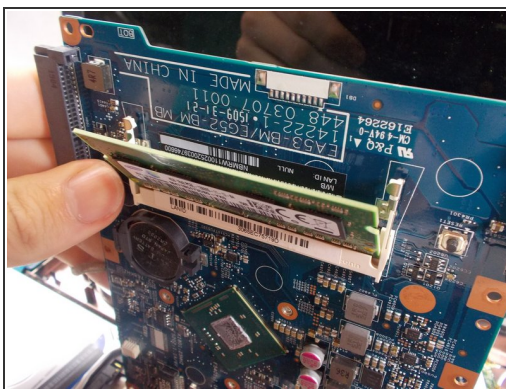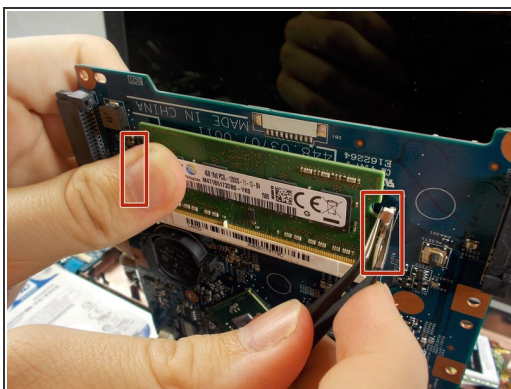This document was generated on 2020-04-17 05:24:28 AM (MST).

Step 13

- Gently remove the tape and plug from the motherboard.

Step 14

- In order to remove the RAM, push both of the clips outward and the RAM chip will easily slide up and out.

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Step 15

- The RAM is removed and ready to be replaced.

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