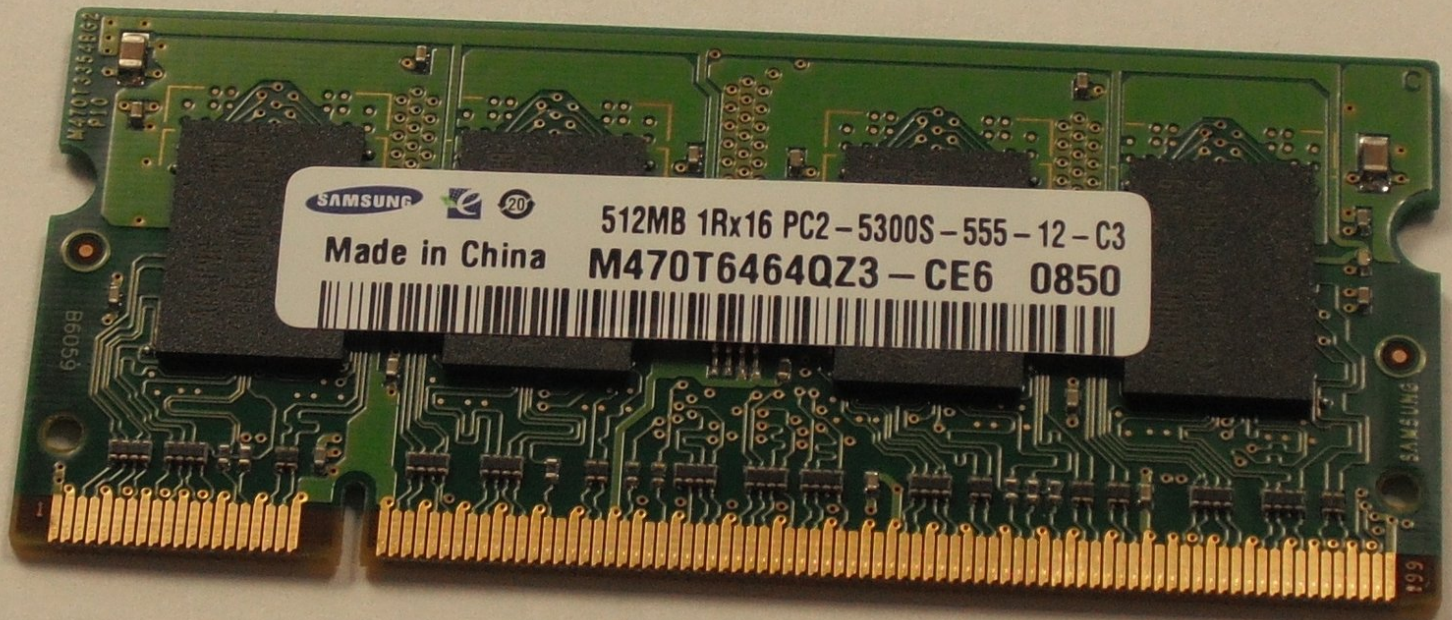# Acer Aspire One ZG5 RAM Replacement

Replace the RAM in your Acer Aspire One ZG5.

Written By: Doug Gallatin

INTRODUCTION

Use this guide to replace or upgrade the RAM in the Acer Aspire One ZG5.

TOOLS:

- Phillips #0 Screwdriver (1)
- Phillips #1 Screwdriver (1)
- Spudger (1)

PARTS:

- PC2-5300 512 MB RAM Chip (1)
- PC2-5300 1 GB RAM Chip (1)

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Step 1 — Battery

- Turn the netbook upside down with the battery at the top, facing away from you.

Step 2

- Unlock the battery by sliding the switch located near the left hinge to the left "unlocked" position.

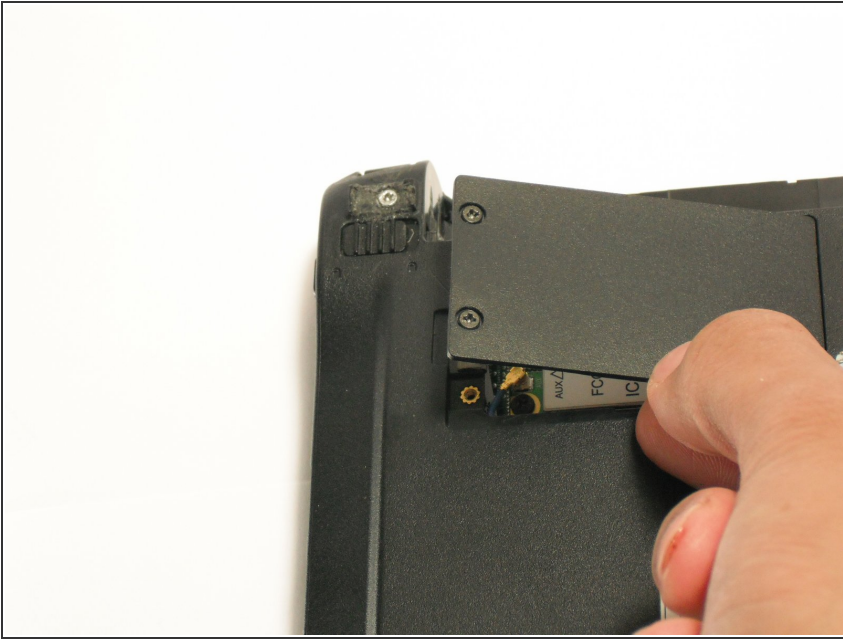This document was generated on 2021-12-23 03:01:06 AM (MST).

Step 3

- Slide the latch located on the opposite hinge from the lock while pushing the battery up.

Step 4 — Wireless Card

- Gently loosen the two Phillips #0 screws in the small panel that covers the wireless card.
  - (i) These screws are built into the panel and aren't meant to be completely removed.

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Step 5

- Lift up the panel and remove it from the case.

Step 6

- Disconnect the two antenna cables from the left side of the wireless card.

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Step 7

- Remove the single 3.9 mm Phillips #1 screw from the bottom left of the wireless card.

Step 8

- Gently lift up the left side of the wireless card and slide the card out of its socket.

Step 9 — Keyboard

- Turn the netbook over and open the display so that the keyboard is facing you.

Step 10

- There are three tabs located on the top of the keyboard.

- Start with the spudger pointing towards the display and pry up to push each tab off the keyboard.

- As you move to the next tab, ensure the previous tab doesn't reset itself.

Step 11

- Lift top of keyboard up. If it doesn't lift easily, there may be tabs on the sides - use the tool to ease them aside and/or shift the keyboard from side to side.

⚠ There is a short ribbon cable connecting the keyboard to the netbook.

Step 12
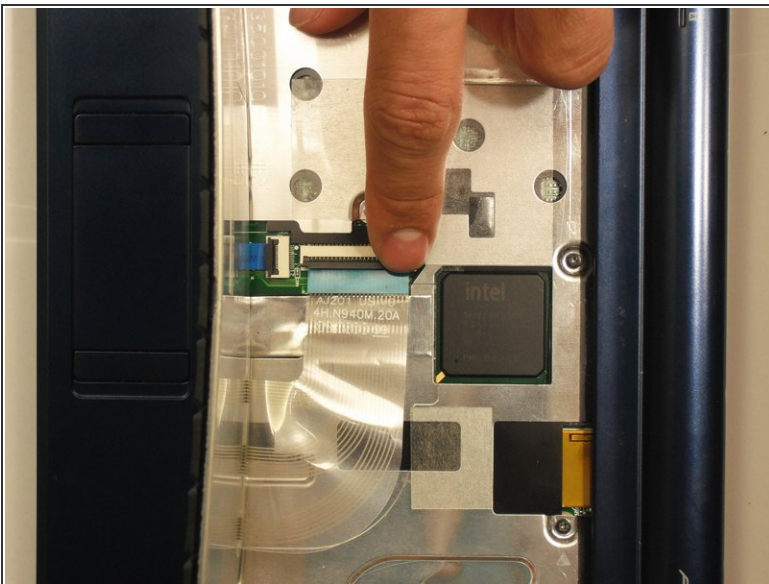
- Disconnect the ribbon by lifting the black plastic hinge and removing the clear blue cable.
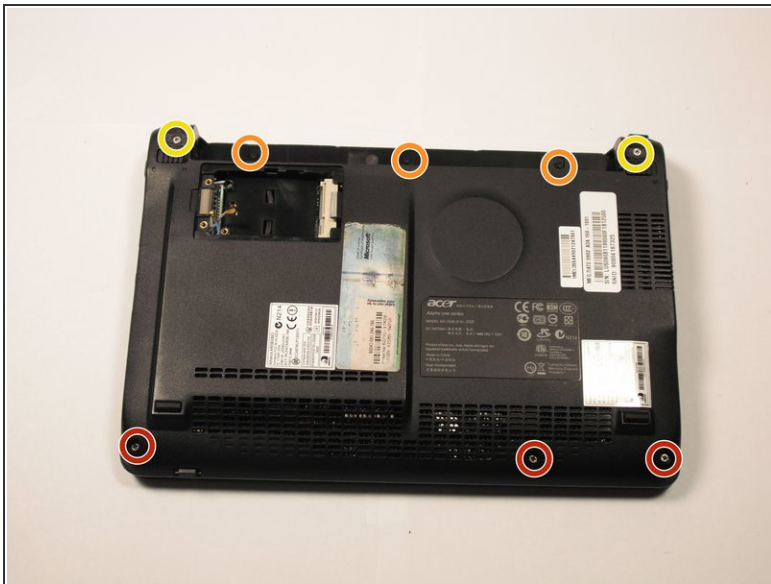
Step 13 — Top Case

- Close the display and turn the ZG5 over so that the battery compartment faces away from you.
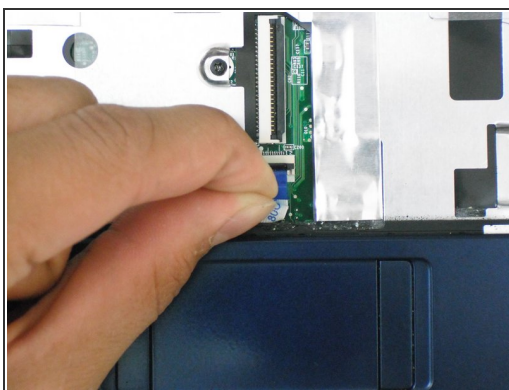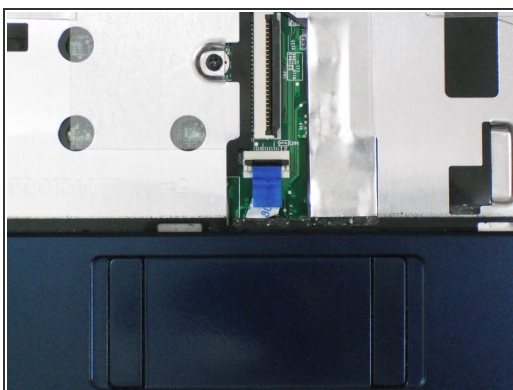
Step 14
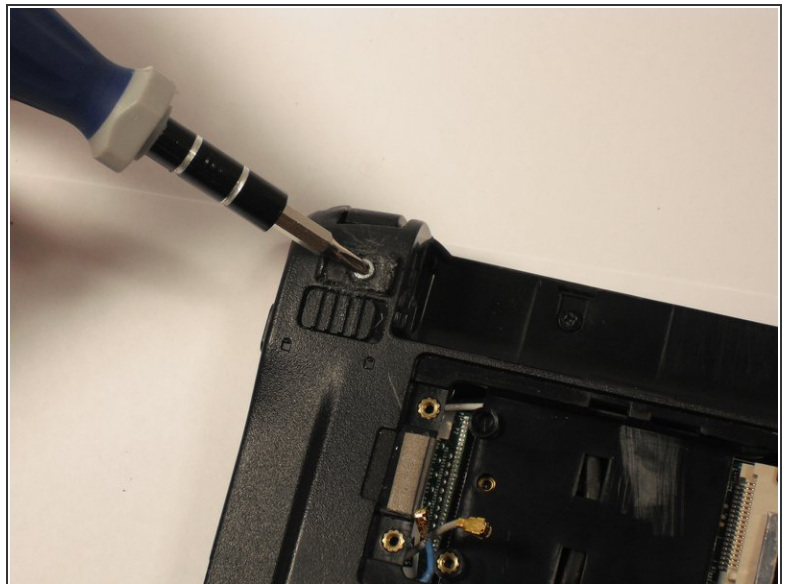
- Remove three 5.8 mm Phillips #0 screws from the bottom of the case

- Remove three 3.9 mm Phillips #1 screws from the battery compartment.

- Remove two 5.8 mm Phillips #0 screws from underneath the feet near the hinges.

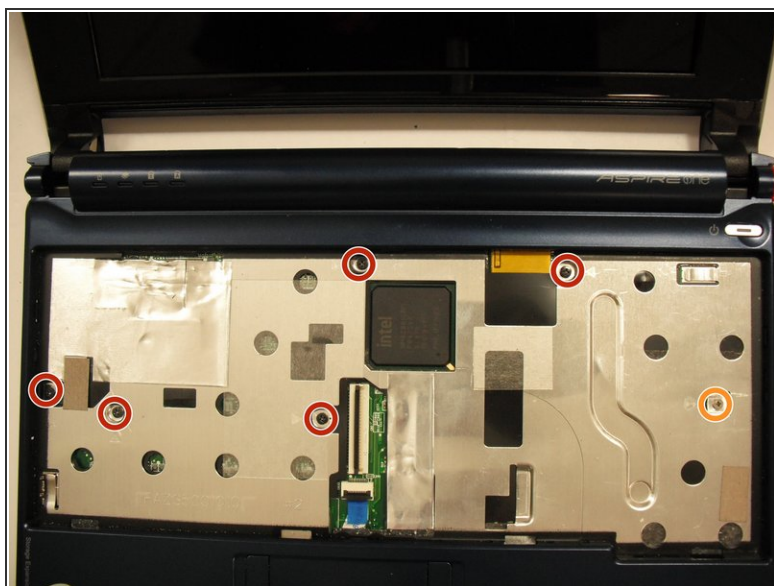This document was generated on 2021-12-23 03:01:06 AM (MST).
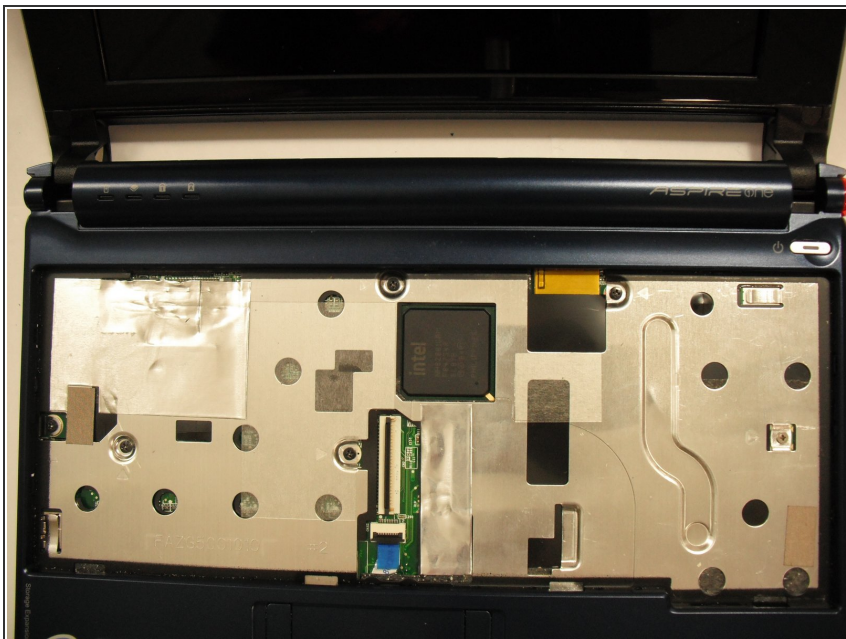
Step 15

- Turn the netbook back over and open the display with the keyboard cavity facing you.

Step 16
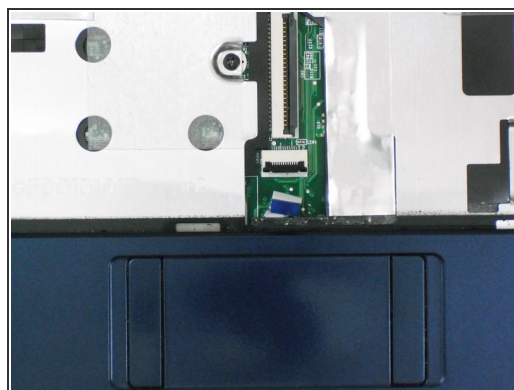
- Flip up the retaining flap on the trackpad ribbon cable ZIF connector.

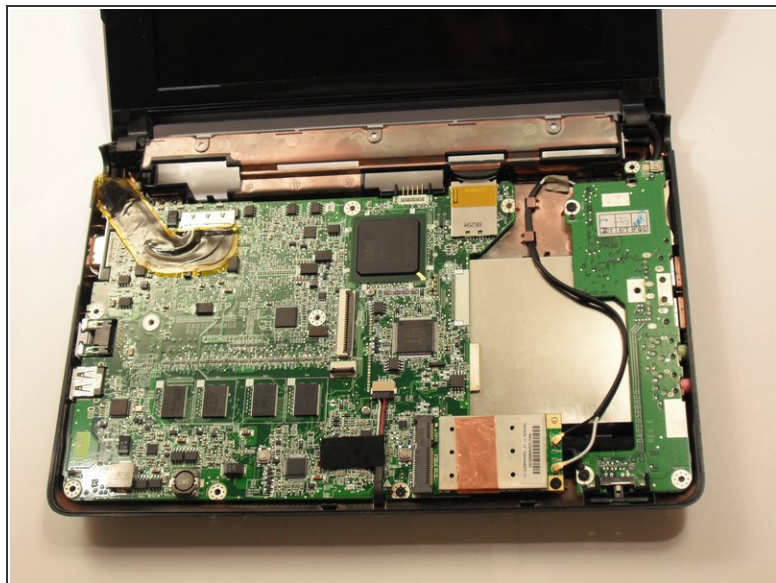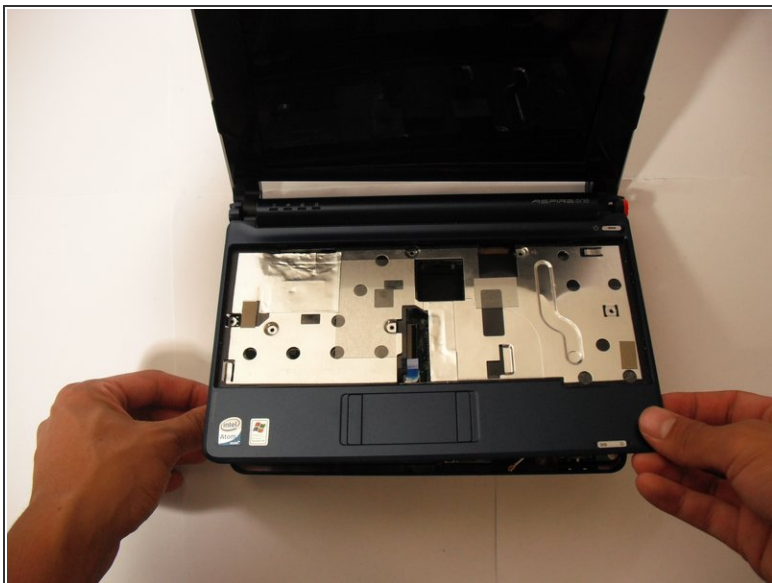- Using the blue tab, pull the trackpad ribbon cable from its socket on the motherboard.

Step 17
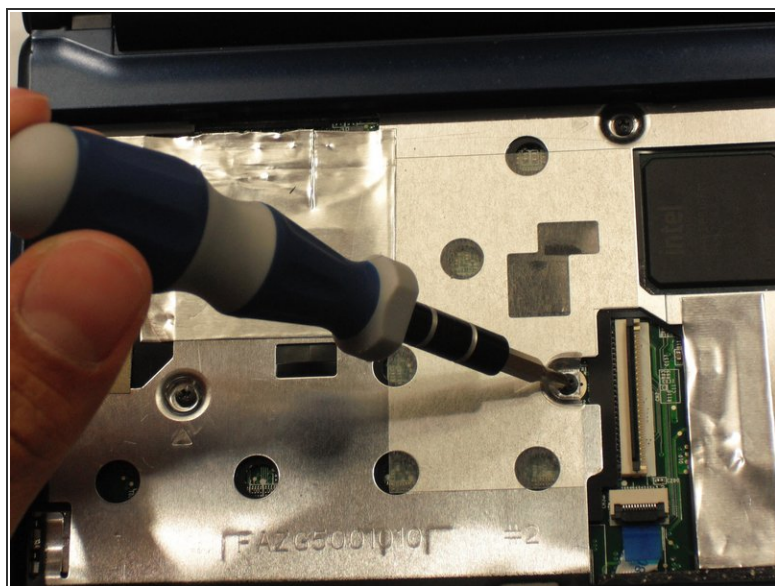
- Remove the five black 4.7 mm Phillips #0 screws from the metal casing.

- Remove the single silver 4.3 mm Phillips #00 screw from the right side of the metal casing.

Step 18

- Starting at the red rings along the hinge, insert a spudger or plastic opening tool into the seam between the two halves of the case.

- Slide the spudger toward the front of the device, releasing the small clips that hold down the top case.

- Gently lift off the top case.

Step 19 — Internal Wireless Card
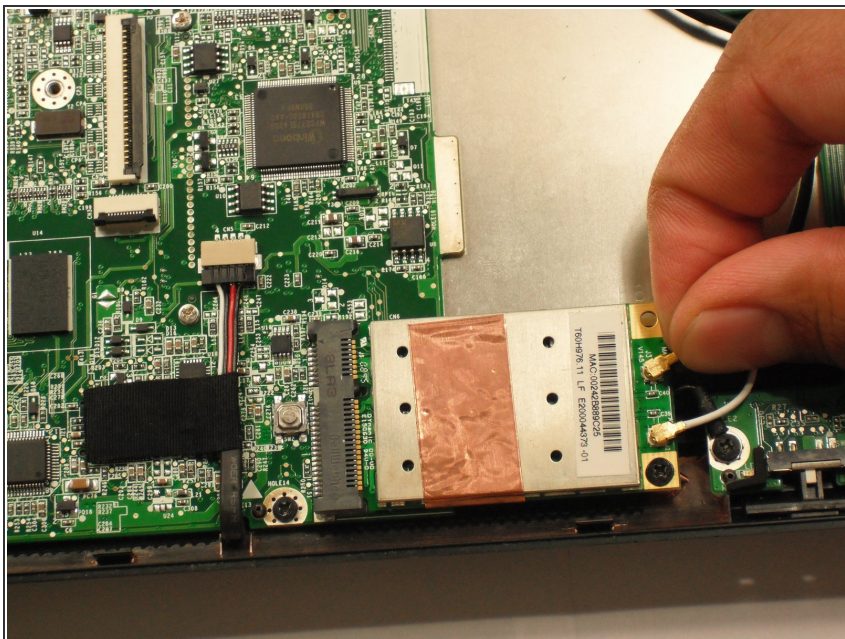
● Disconnect the two antenna cables from the right side of the wireless card.
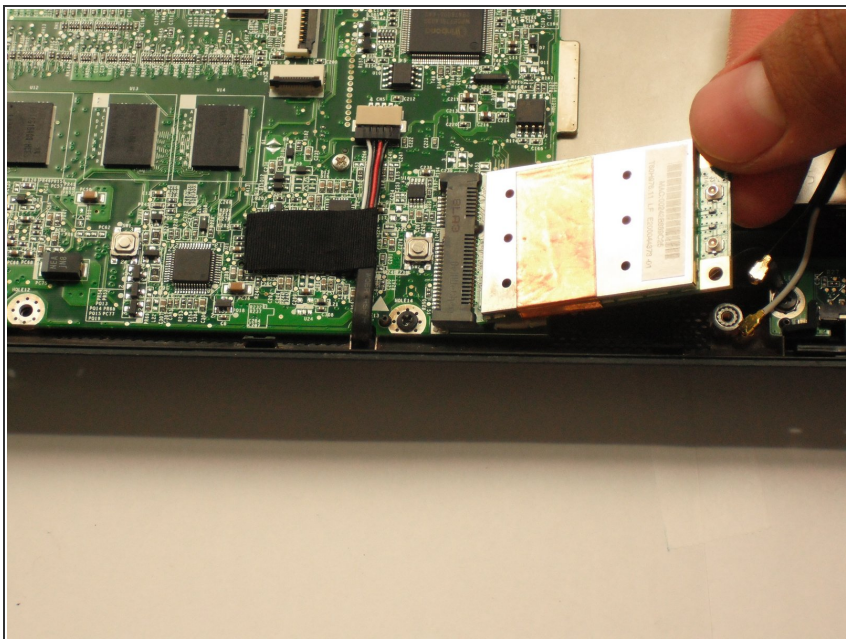
Step 20
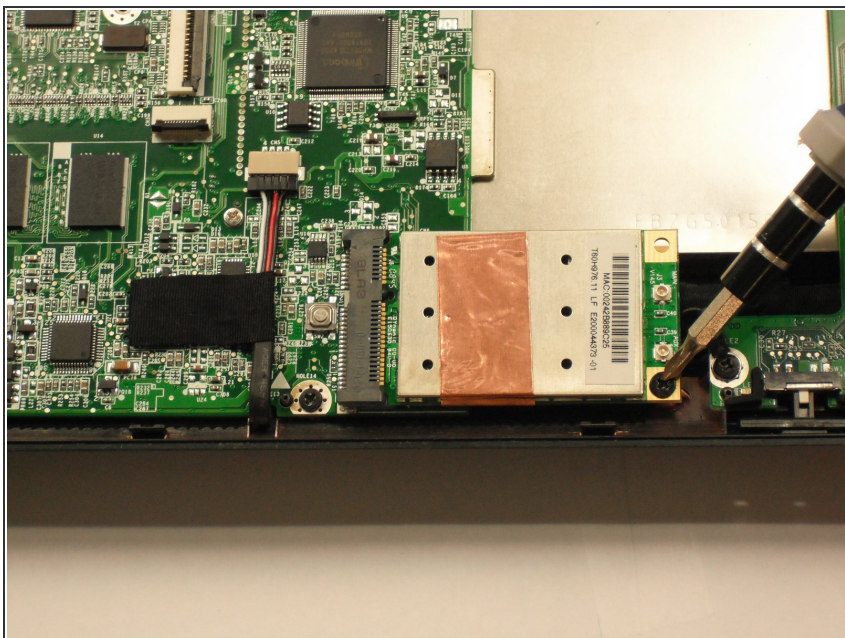
● Remove the single 3.9 mm Phillips #1 screw from the wireless card.
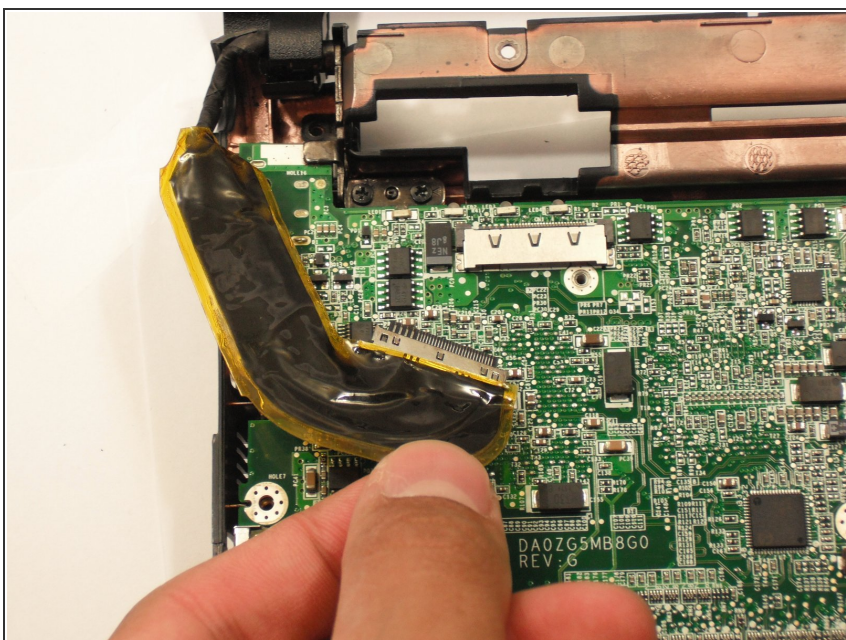
Step 21

- Gently pull the wireless card to the right and slide it out of its socket.
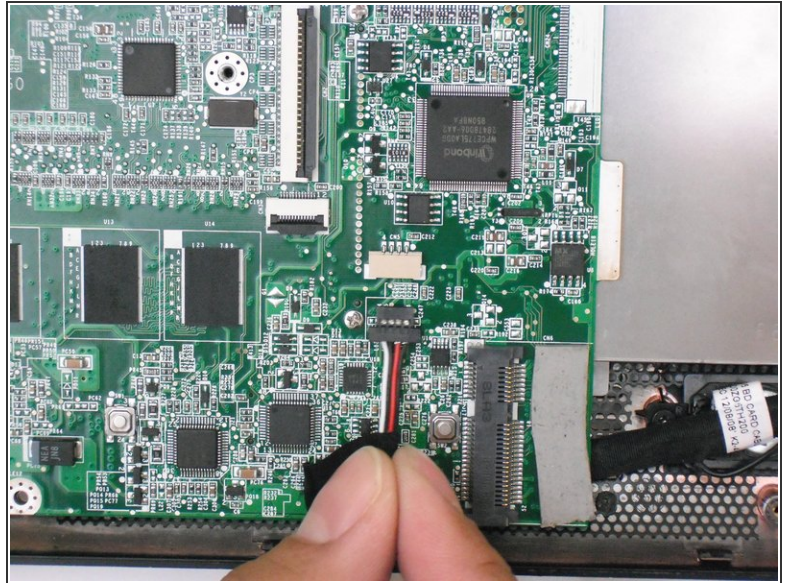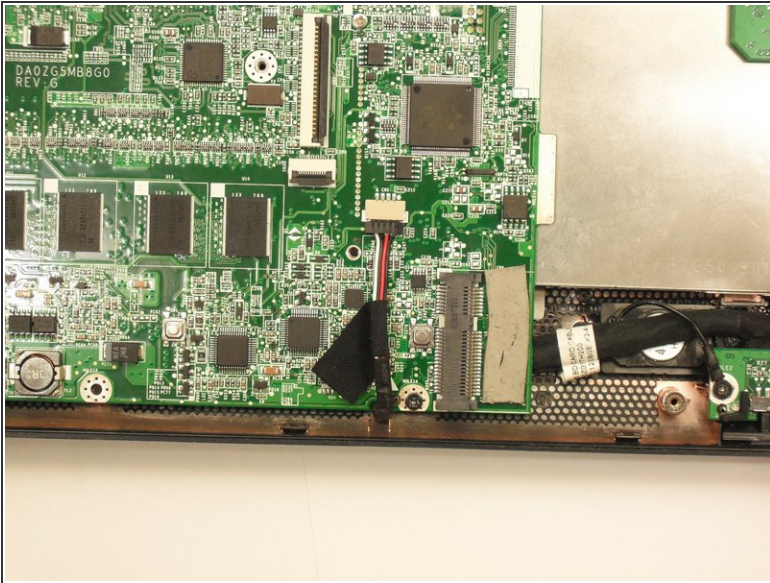
Step 22 — Motherboard

- Disconnect the display cable from the top left of the motherboard.

Step 23

- Disconnect the speaker cable from its socket on the motherboard.

Step 24

- Remove three 3.9 mm Phillips #1 screws from the small I/O board.

- Remove a single 3.9 mm Phillips #0 screw from the front of the motherboard.

  - ⓘ Some laptops may instead have a single 4.7 mm Phillips #0 screw.

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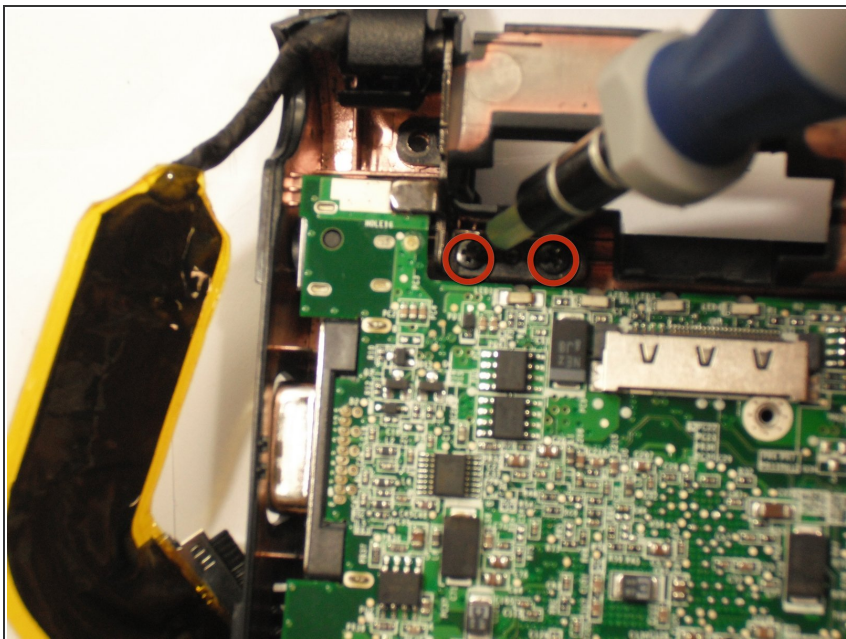
Step 25

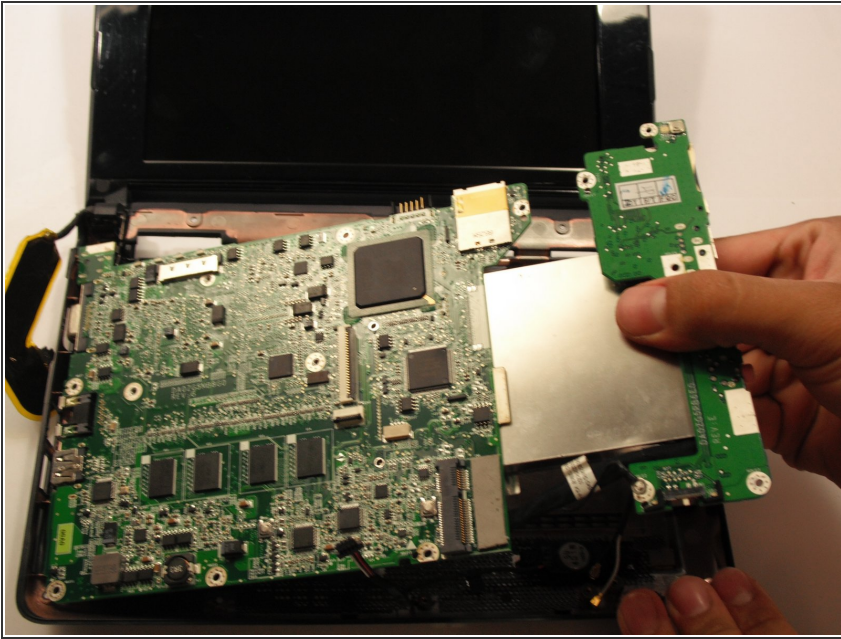● Remove the two 4.7 mm Phillips #1 screws that connect the display to the motherboard.

Step 26

● Gently lift the I/O board up from the right side of the case.

ⓘ The I/O board is attached to the motherboard by a short cable.

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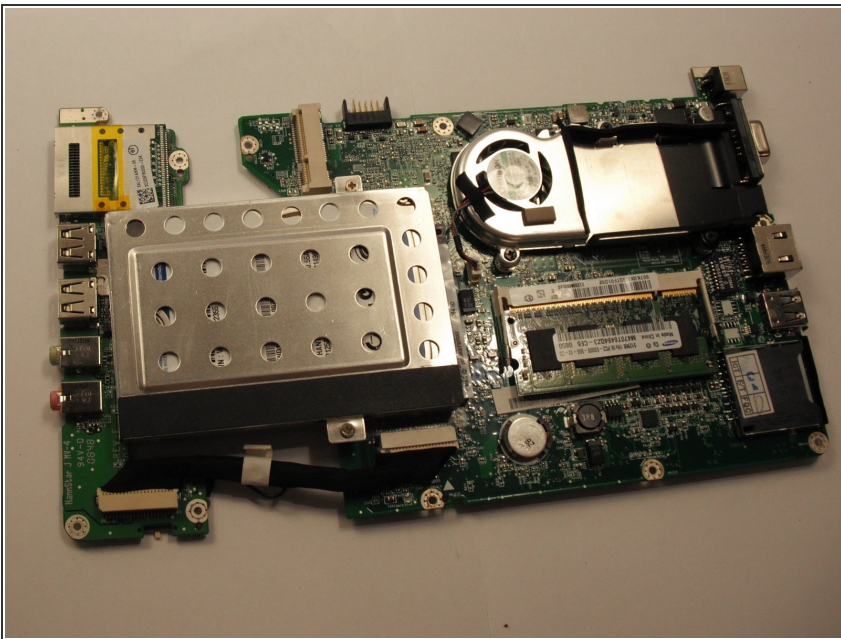© iFixit — CC BY-NC-SA

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Step 27

- Lift the entire motherboard assembly out the case.
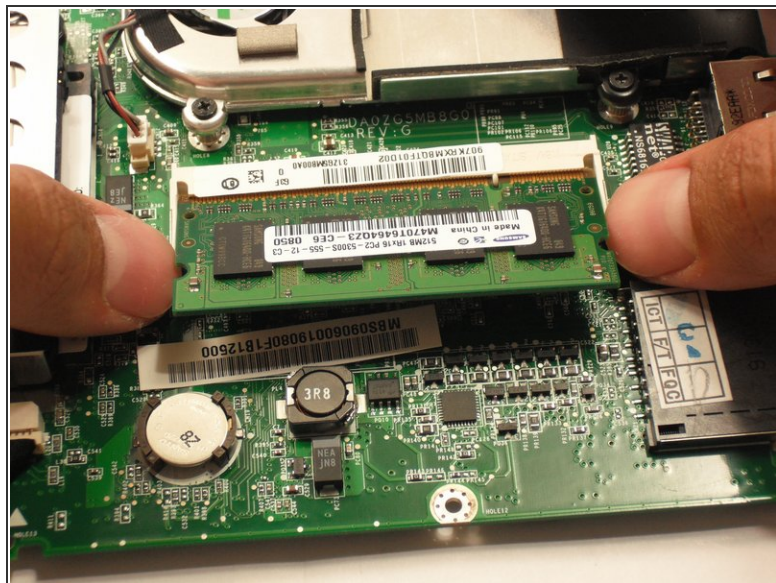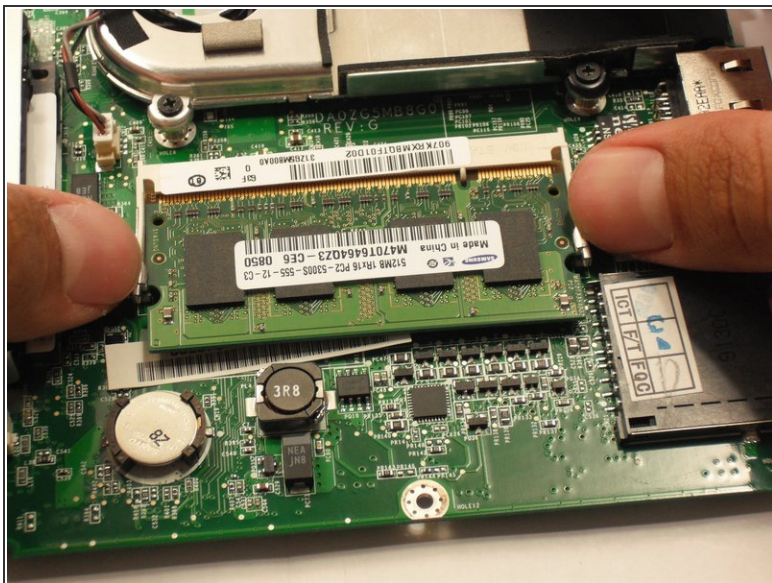
Step 28 — RAM

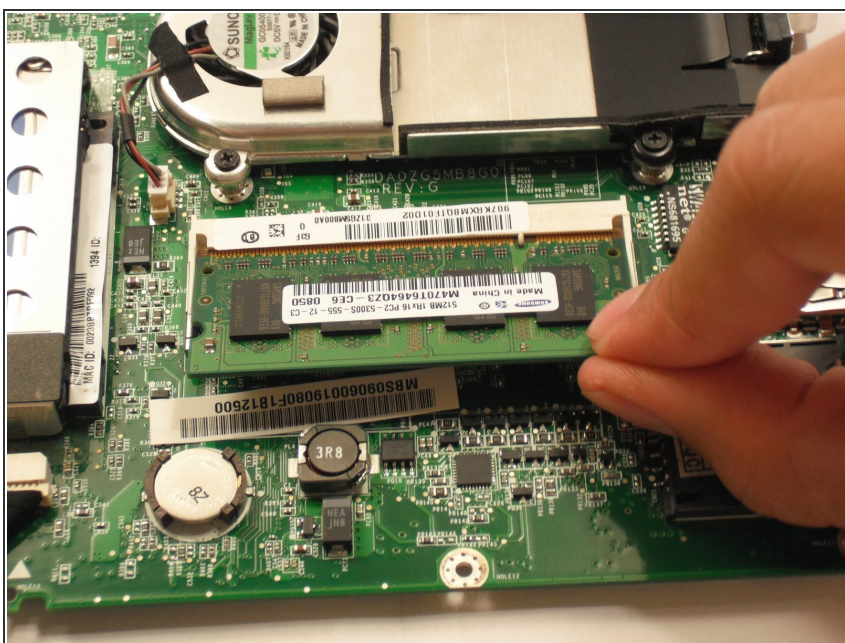- Turn the motherboard over so the RAM is facing up.

Step 29

- Simultaneously release both latches on opposing sides of the RAM.

- The RAM should spring up.

Step 30

- Pull RAM straight out from the slot.

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