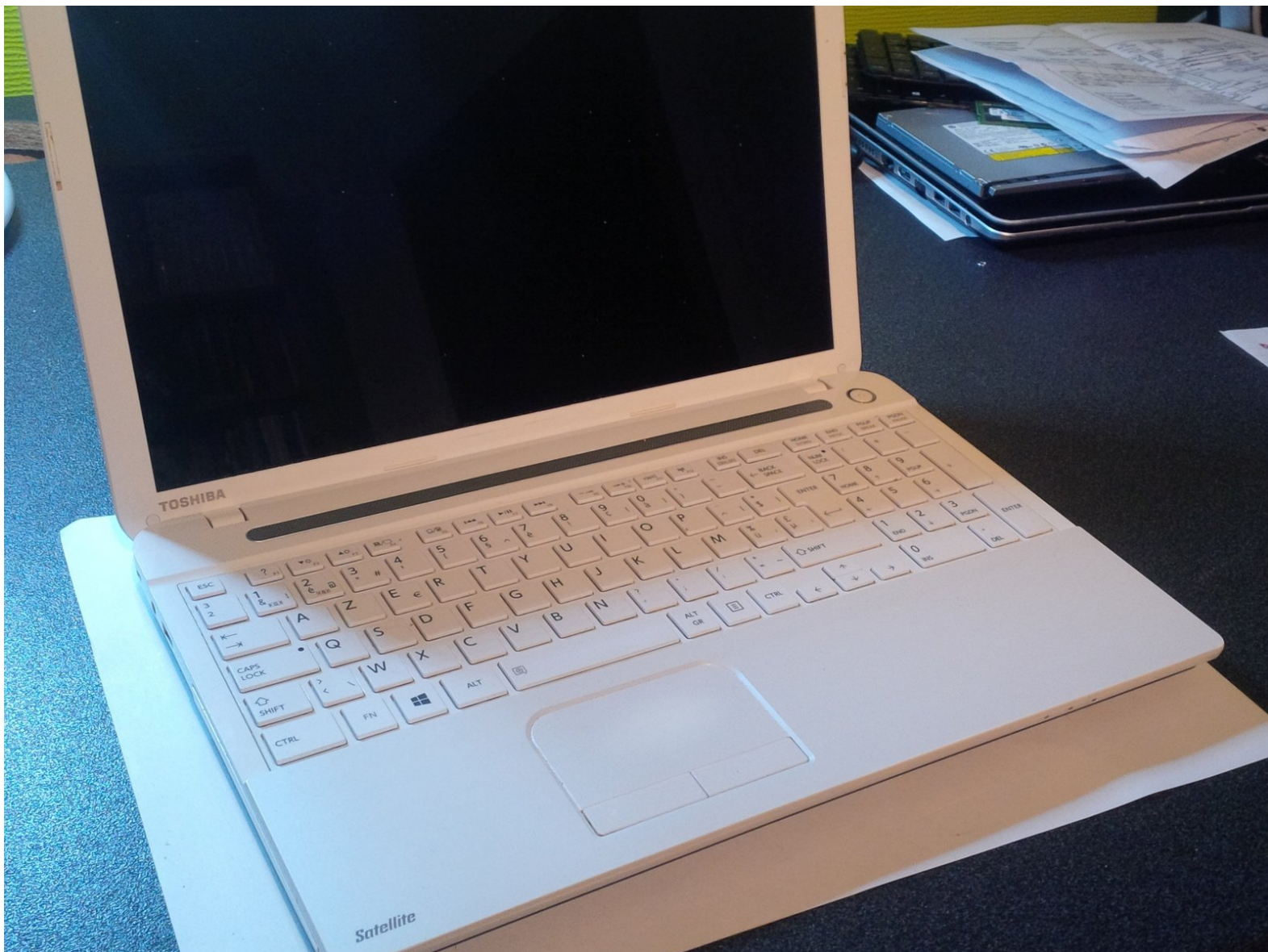# Disassembling Toshiba Satellite C55-A5285/C55-A1J2

We will take the laptop apart and I will show you how to replace different parts of the laptop.

Written By: Kevin D

INTRODUCTION

Hey all,

Today I will show you how to open the Toshiba satellite C55-A5285/C55-A1J2. It is the same same computer inside and you will see how to remove/replace different parts of the laptop and repair it. Or you can upgrade the laptop.

In this project I had to clean out (dust and others) the inside of the laptop. But I will show you the rest as well.

This will work on a Toshiba made for the American market as well as the one for the European market as well. Both the C55-A5285 and the A1J2 are both same on the inside.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- IC Extractor/Connector Puller (1)
- iSesamo Opening Tool (1)
- Flathead 3/32" or 2.5 mm Screwdriver (1)
- Phillips #000 Screwdriver (1)

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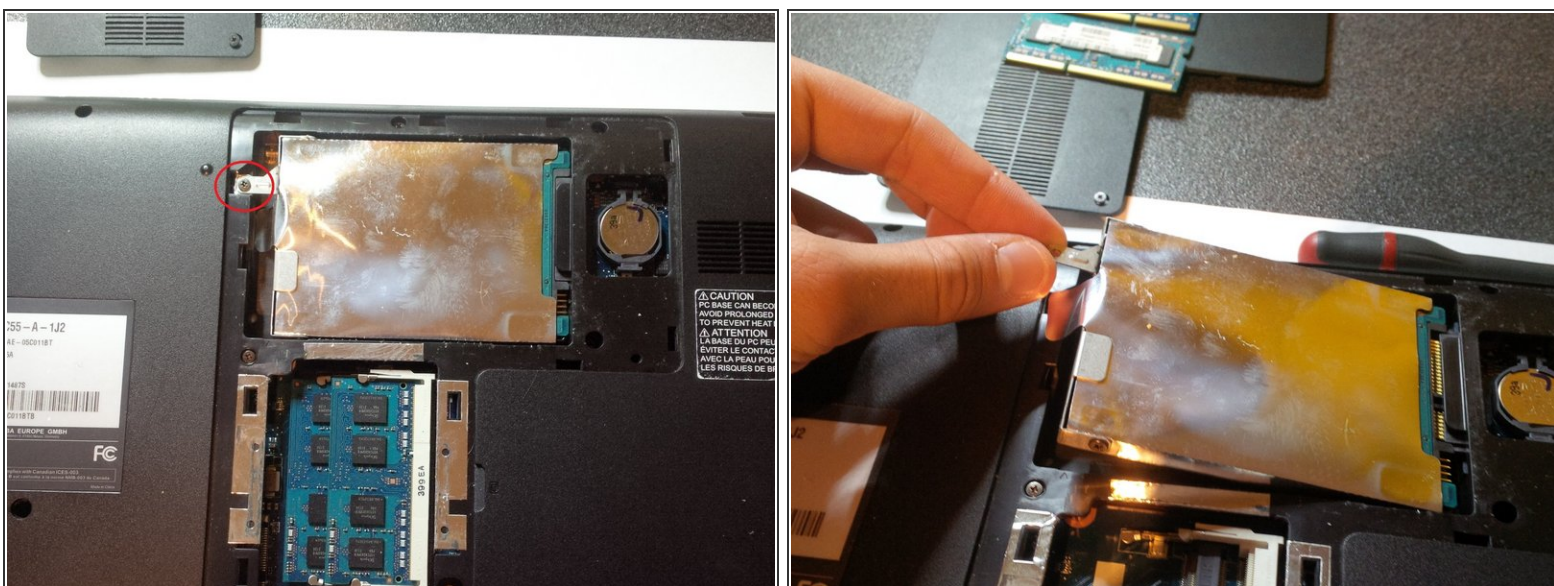
Step 1 — removing battery and backpanel

- First of all remove the battery.

- ⭐ like always : draw a map of the laptop and paste/draw where all the screws come from or use a magentic project map.

- remove the bottom plate of the ram and HDD.

Step 2 — removing ram and hdd

- now remove the hdd screw (red circkle)

- lift up the HDD

- remove the ram by clicking the levars to the outside

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Step 3 — removing the dvd bay

- remove the screw , and use a spudger to remove the dvd bay. (slide it out)
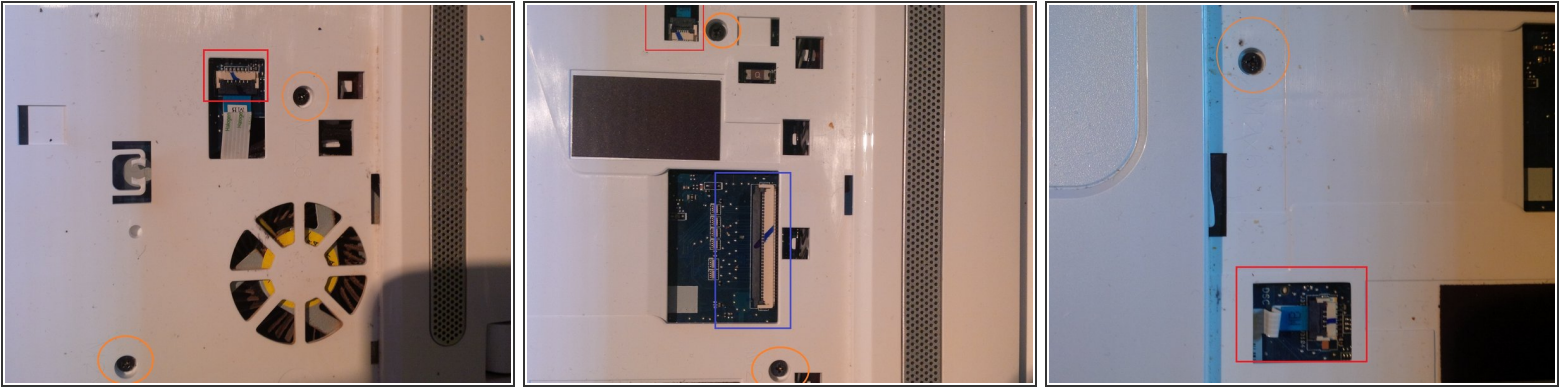
Step 4 — removing keyboard

- remove the screw of the keyboard, orange circkle

- turn the laptop again and remove the keyboard.

- use a isesamo to click the keyboard off the laptop. the "click levars"(6 of them) are under number 0 , between left arrow and ctrl, alt gr , space bar, windows button and alt and ctrl(left)

⚠️ do it very gently , you can break the keyboard or you can break some buttons off the keyboard.

- after clicking the keyboard loose, lift the lid of the connector socket up and remove the flex cable. you can see a picture in step 6.

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Step 5 — removing screws and connectors

- now you will see 2 connectors and 7 screws under the keyboard.

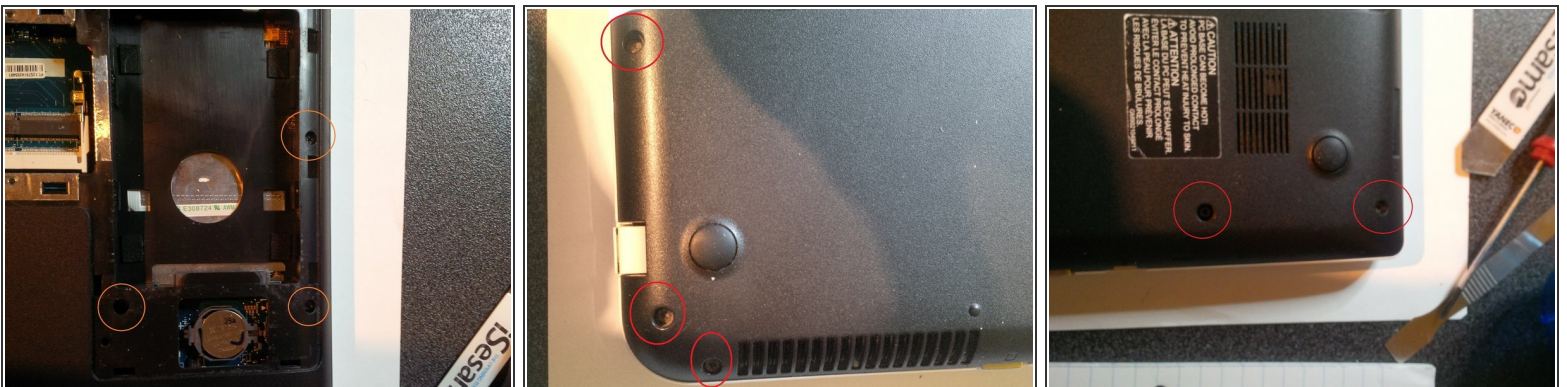⚠ If you don't know how to remove the connectors safely see the next step.

- remove the screws and gently remove the 2 connectors from the connectors. like always do it gently.

- the orange circkles are the screws to remove the mainboard in a later step

- the red squares are the connectors of the mouse pad and powerboard

- the blue square is the connector from the keyboard.

Step 6 — removing connectors

- use a spudger or little flathead screwdriver to open the lid of the connectors.

Step 7 — removing screws of case

- ⓘ again : draw a map of the laptop , so you remeber where all the screws come from. Or use a magnetic project map.

- first screws : 3 screws in the HDD compartiment.

- screws at the side , also see the next step for the rest of the screws.

Step 8 — removing screws and case step 2

- remove the last screws

- then : slide your spudger or isesamo between the bottom plate and upper plate to remove the case. you will hear clicks. be gently while sliding
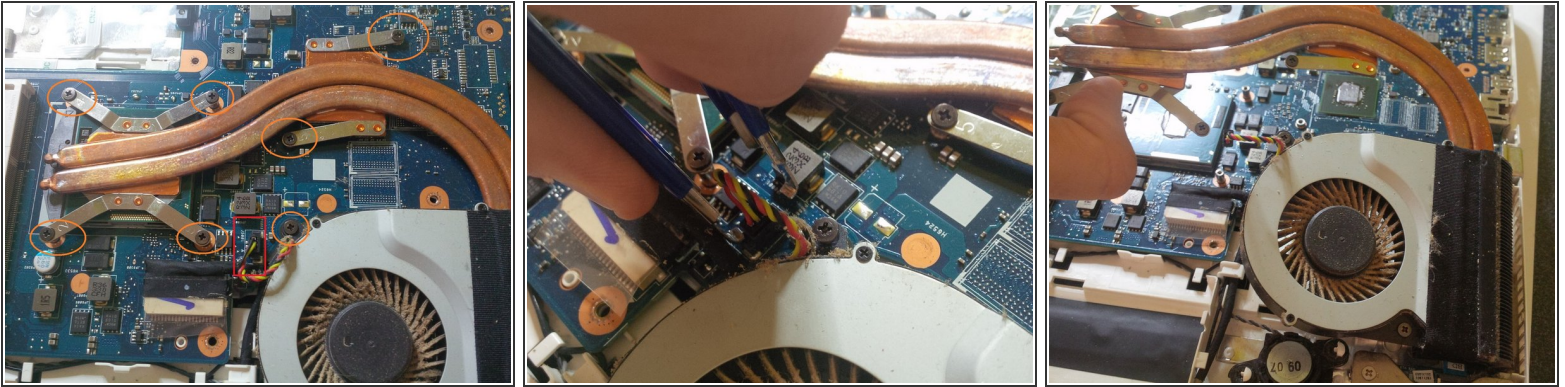
Step 9 — opening the laptop

- gently remove the plate.

- after opening you'll see the mainboard or like we call it here in Belgium : the motherboard.
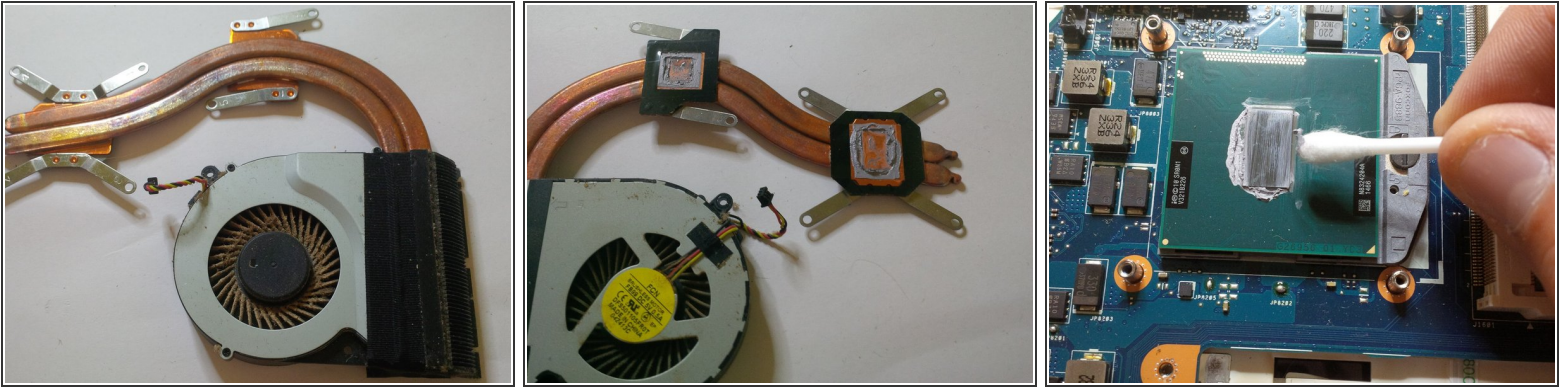
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Step 10 — removing/ cleaning fan and cooling pads

- in this step we will show you how to remove the fan and the cooling tubes and pads for cleaning or renewing.

- there are 8 screws and 1 connector

- remove the screws (1 screw is not on the pictures, you ll find it at the bottom of the fan) but unscrew them simultaneous.

- remove the connector (see picture 2) using an IC extractor

- remove the cooling tubes and fan.

- clean the pads using isopropyl alcohol. you will see pieces (remnants ?) of old thermal paste.

- (i) if the fan itself is broken , you can replace this by removing the very tiny screws. and remove the black tape.
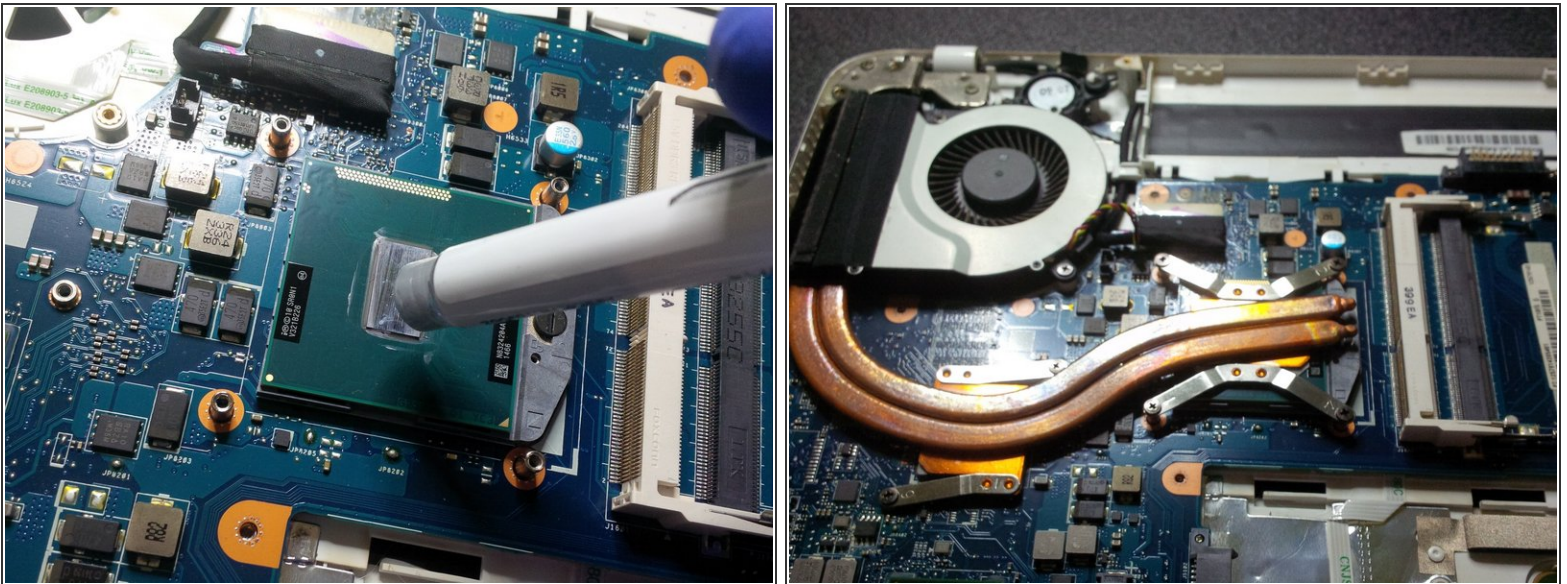

Step 11 — cooling pads/ fan and renewing thermal paste

⚠ clean CPU and pads with isopropyl alcohol. But, like you know ,be carefull with this.

● use gloves

● you can also renew /upgrade the cpu, just use a flathead screwdriver to open the cpu socket.
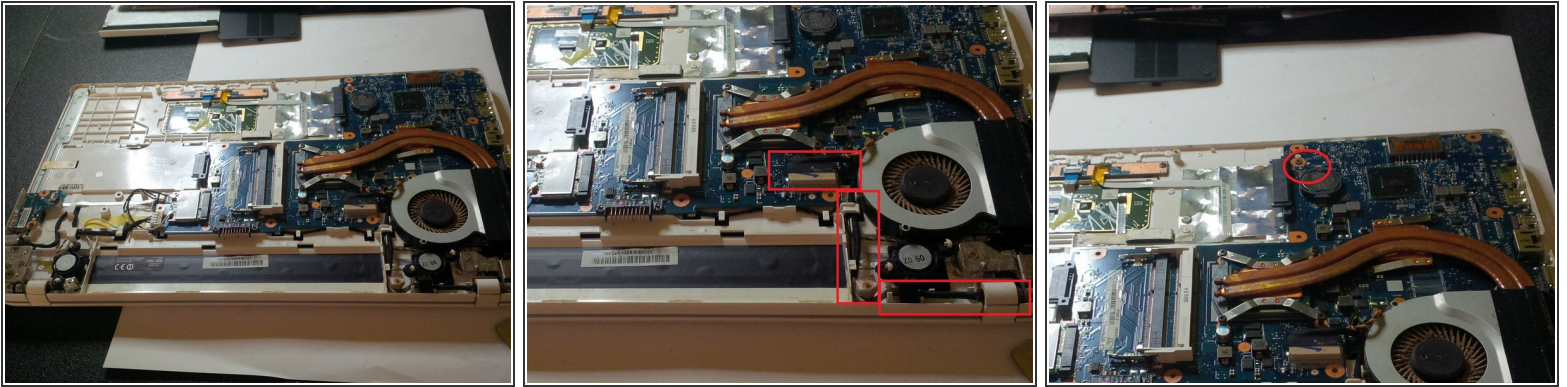
Step 12 — thermal paste

⚠ use gloves , cause thermal paste is very toxic.

ⓘ one drop is enough on the CPU , and a little drop on the graphic chip.
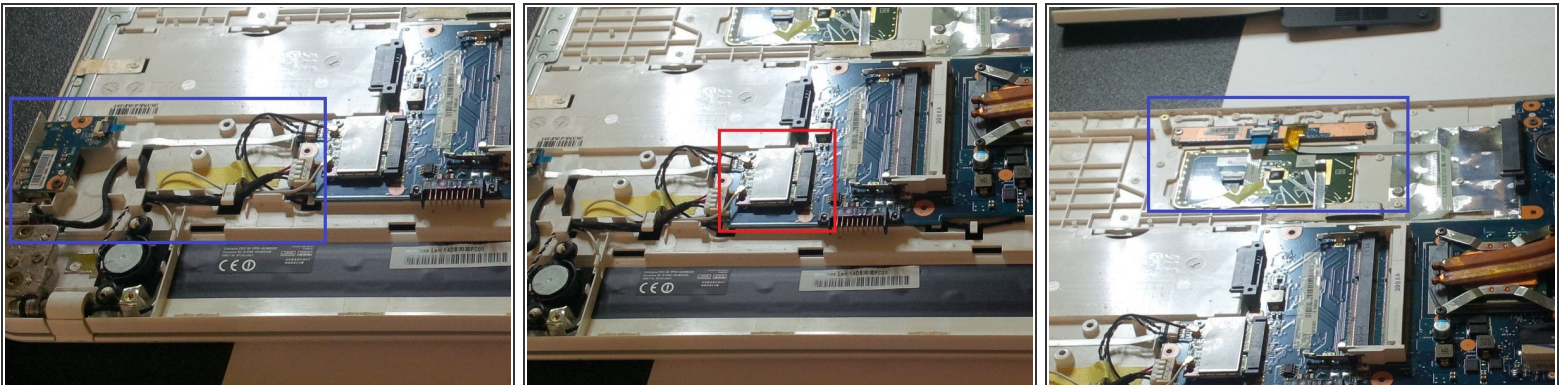
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Step 13 — mainboard

- removing or replacing the Mainboard :

- first remove the LCD connector: do it very gently, there are a lot of tiny thin wires, they are very breakable. you see this in picture 2, if you have to replace the whole screen, i don't have pictures of this in this guide, but we have other guides that show you how to or you can find these here at ifixit.com

- remove the screw you see in picture 3

Step 14 — mainboard step 2 DC JACK/ WIFI/MOUSEPAD

- in these 3 pictures: dc jack in picture one, + the connector, and the usb pcb. if you have to replace the dc jack, be gently with the connector.

- second picture : wifi module. always remember the color code (black and white)

- third picture : mousepad and screws.

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