



Asus N551J Disassembly

Disassemble an Asus N551JX laptop to gain access to the internal hardware.

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INTRODUCTION

Use this guide to disassemble an Asus N551JX laptop to gain access to the internal hardware.

TOOLS:

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

Step 1 — Make the laptop ready to disassemble



- Shut down the laptop
- Remove USB devices and SD-cards
- Turn the laptop upside down and remove the battery by sliding the slide

Step 2 — Remove the main body screws



- Remove all marked screws
 - four #1 Phillips screws
 - Two #0 Phillips screws

⚠ The orange screws are longer in size, keep them apart

Step 3 — Remove the disk drive



- Slide the disk drive out of the case
- Remove the marked screws
 - Two #0 Phillips Screws

Step 4 — Remove back cover



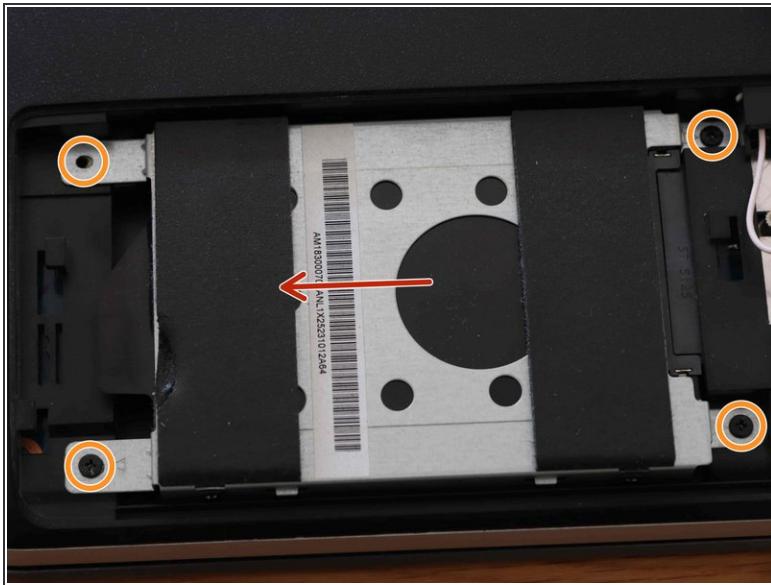
- Remove the back cover by sliding it down

Step 5 — Unplug connectors



- Use the flat end of a spudger to unplug the marked connector

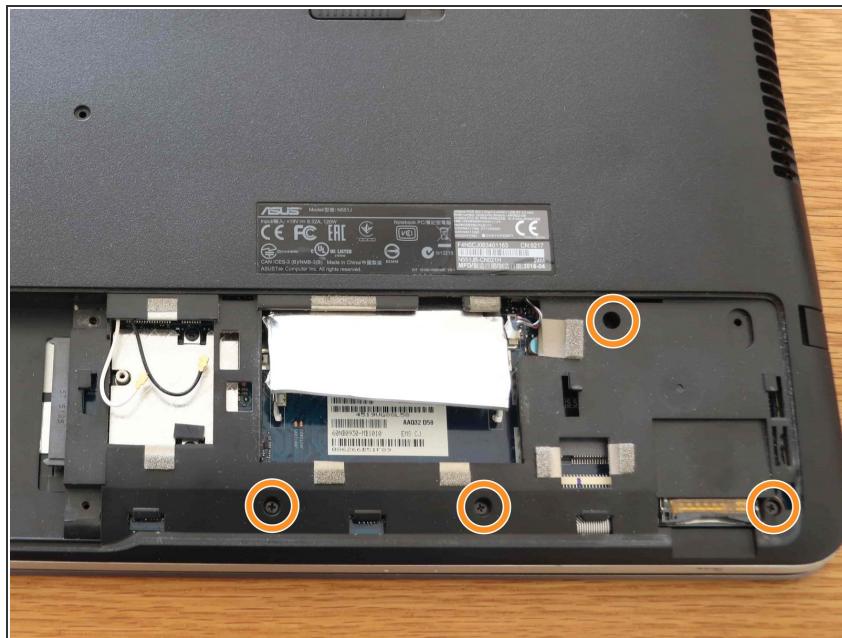
Step 6 — Remove hardware



- Remove the HDD by unscrewing the marked screws and sliding its case towards the arrow
 - Four #0 Phillips Screws
- Remove the memory by gently pushing the metal arms on the side
- Remove the WLAN module by disconnecting the antennas and unscrewing the marked screw
 - #0 Phillips Screw

(i) Use the tip of a spudger to disconnect the antennas

Step 7 — Remove main body screws



- Remove the marked screws
 - Four #0 Phillips screw

Step 8 — Opening the case



- Start opening the case by inserting a opening pick on corner of the headphone jack side
- Continue by sliding the opening pick to the right
- Repeat for the other two sides from the corners, do not try to open the battery side yet

(i) No problem when you hear a click-sound

(i) Usage of a spudger may be needed. If so, use the flat end

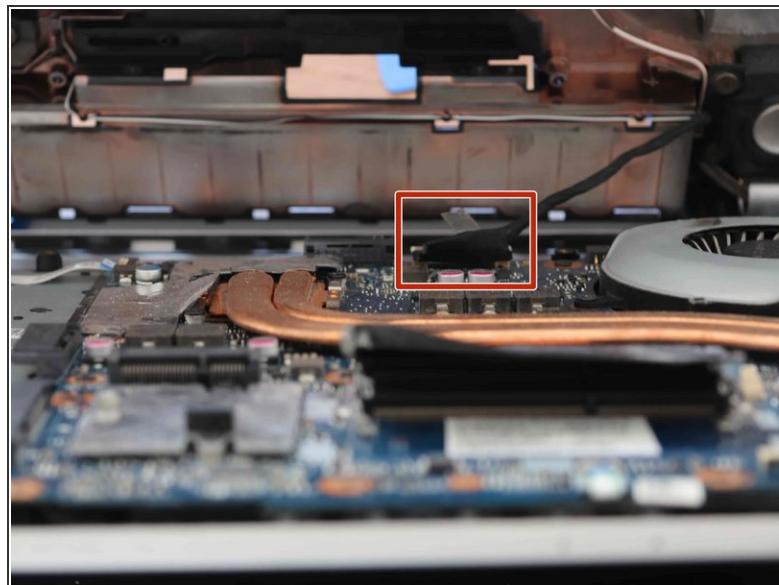
Step 9 — Opening the battery side of the case



- Insert opening picks and make sure all plastic clips are free
- Turn the whole laptop 180 degrees

⚠ Do not try to remove the black plastic body in this step

Step 10 — Open the laptop

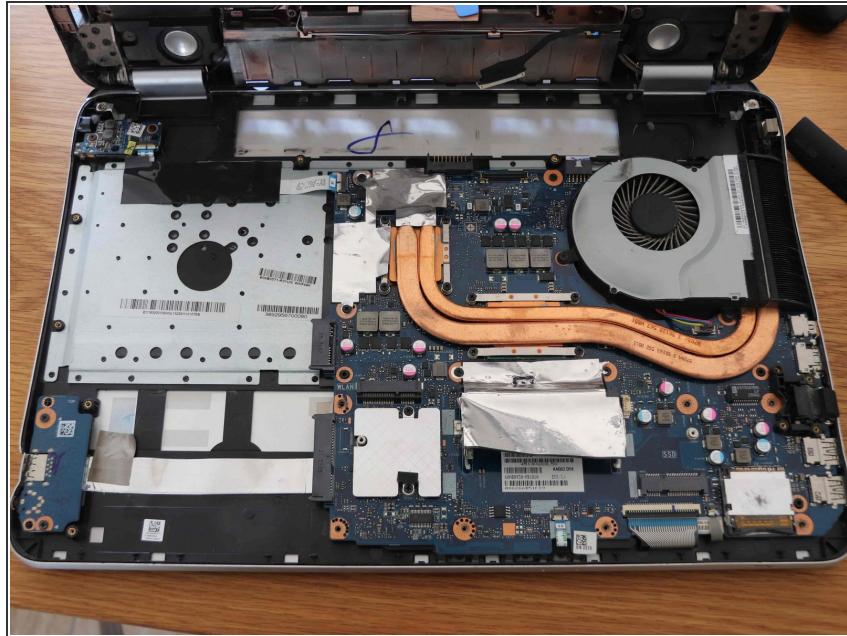


- Open the keyboard side of the laptop while holding the aluminium body
- Move the aluminium body gently towards you
- Disconnect the marked connector by pulling the plastic pull-strip strait up.

(i) Opening the laptop in this position is mandatory

⚠ Stop when hearing cracking sounds and try to reposition the body slightly

Step 11 — Perform maintenance



- You now have gain access to the internal hardware of the laptop
- Reassemble by following the step in reverse

i During reassembling, keep track of the unplugged connector in step 6

! During reassembling, be careful when closing the aluminum body. The plastic clips on the battery side are fragile.

To reassemble the device, use the guide in reversed order.