



# 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)
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## 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



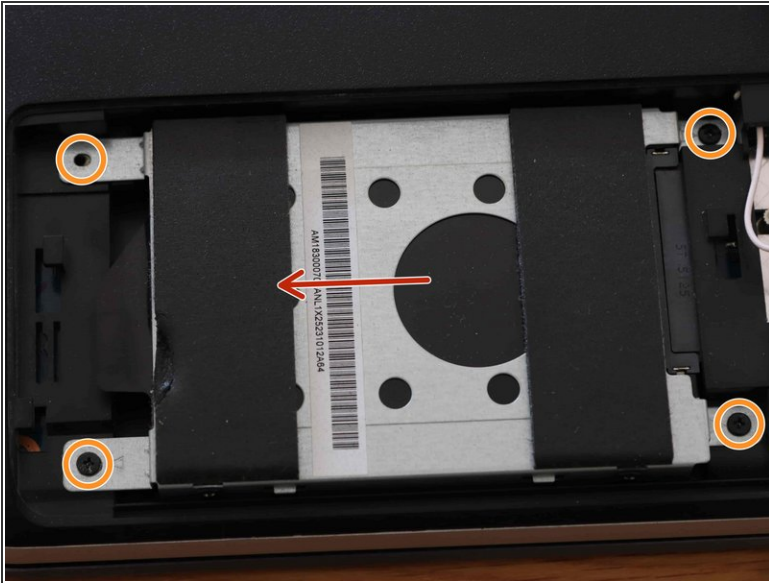
- Remove the back cover by sliding it down

## Step 5 — Unplug connectors



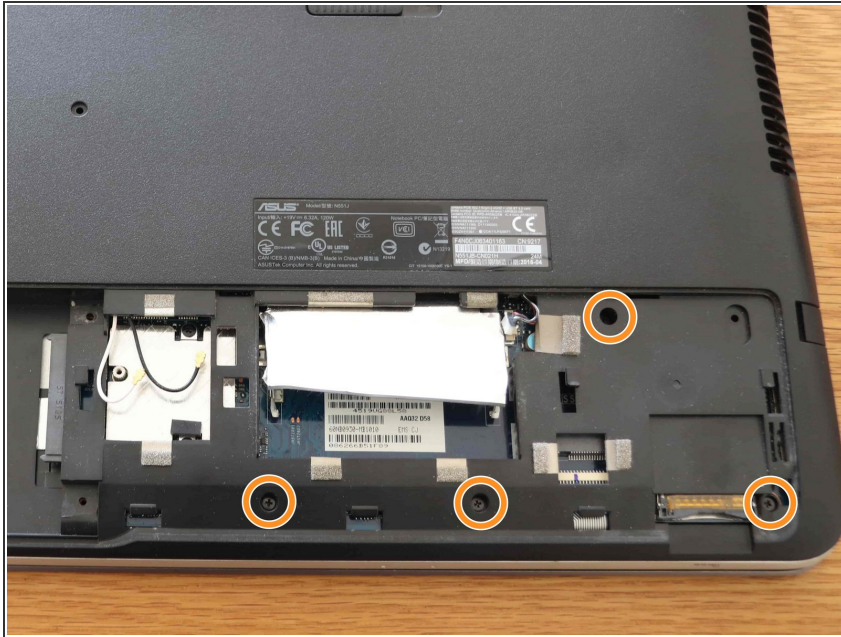
- Use the flat end of a spudger to unplug the marked connector

## Step 6 — Remove hardware



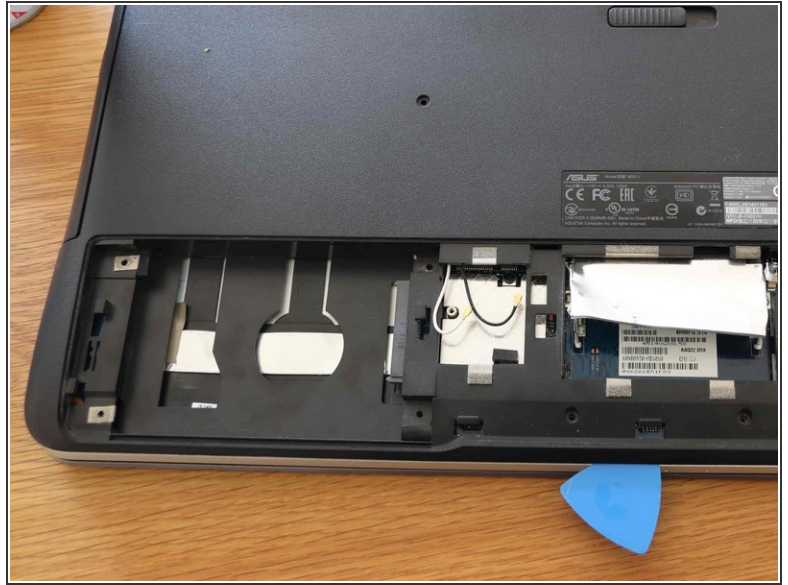
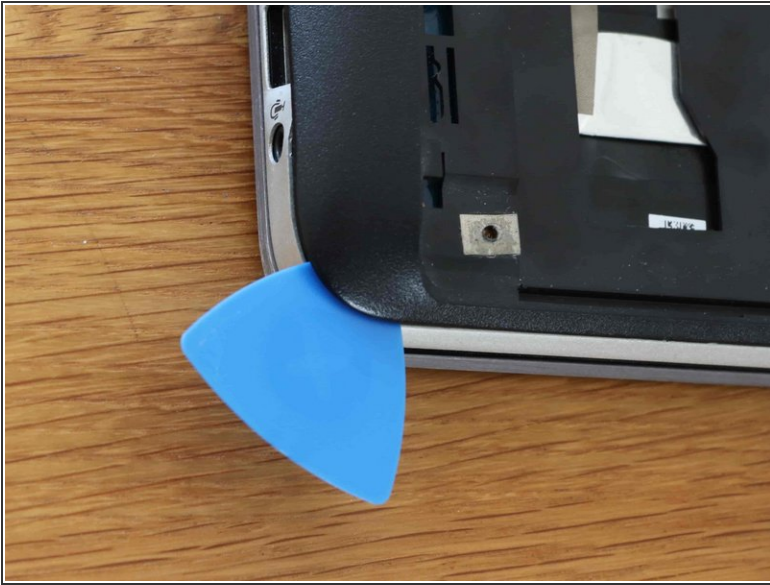
- Remove the HDD by unscrewing the marked screws and sliding its case towards the arrow
    - Four #0 Phillips Screws
  - Remove the memory by gently pushing the metal arms on the side
  - Remove the WLAN module by disconnecting the antennas and unscrewing the marked screw
    - #0 Phillips Screw
- i**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



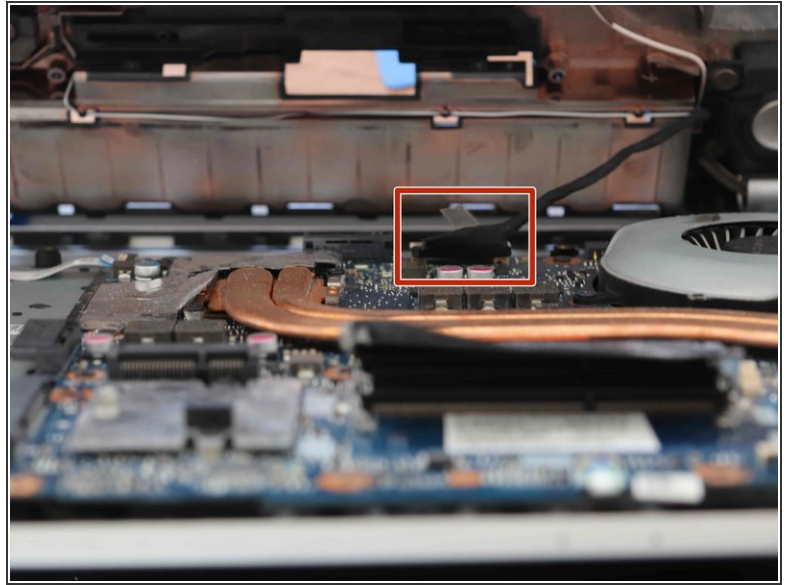
- Start opening the case by inserting a opening pick on corner of the headphone jack side
  - Continue by sliding the opening pick to the right
  - Repeat for the other two sides from the corners, do not try to open the battery side yet
- i** No problem when you hear a click-sound
- i** Usage of a spudger may be needed. If so, use the flat end

## Step 9 — Opening the battery side of the case



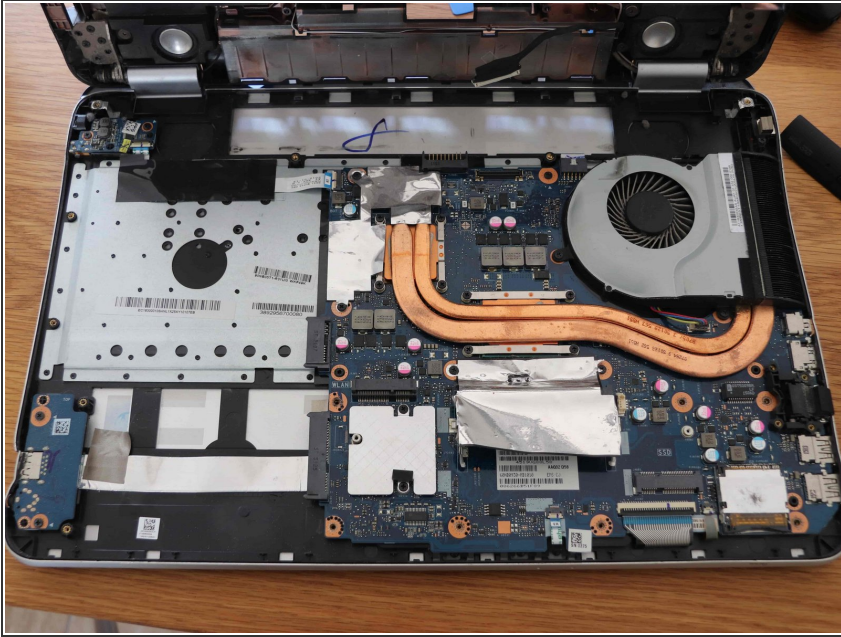
- Insert opening picks and make sure all plastic clips are free
  - Turn the whole laptop 180 degrees
- ⚠ Do not try to remove the black plastic body in this step

## 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 straight 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
- ⓘ 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.