



# Lenovo B50 HDD, RAM, WiFi, CMOS Battery Replacement

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## INTRODUCTION

How to disassemble the device and replace / upgrade Hard Disk Drive with SSD, SO-DIMM memory modules, WiFi / Wireless card M.2 aka NGFF (Next Generation Form Factor) and CMOS Battery (Complementary Metal-Oxide-Semiconductor (CMOS), Real-Time Clock (RTC)).

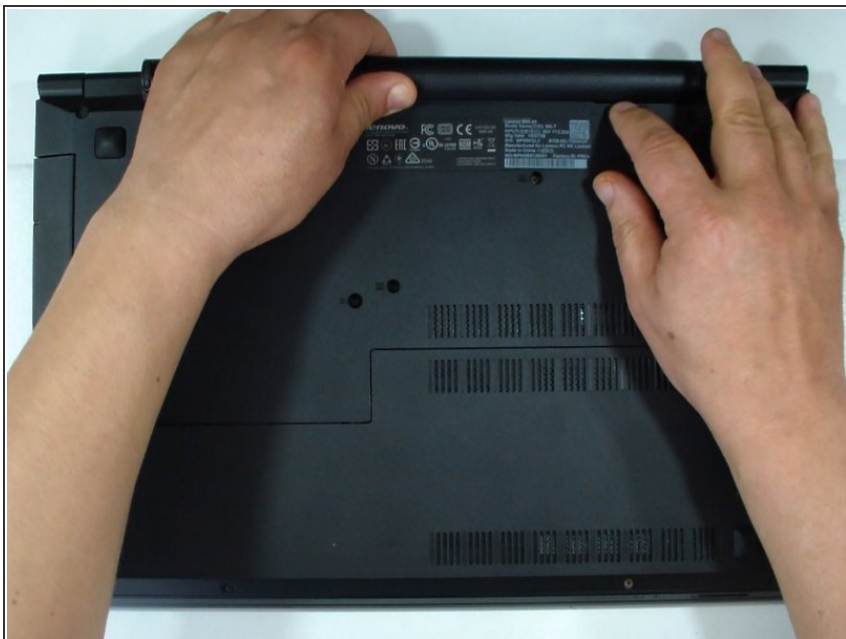
[video: <https://www.youtube.com/watch?v=mevZtaxRLRA>]



### TOOLS:

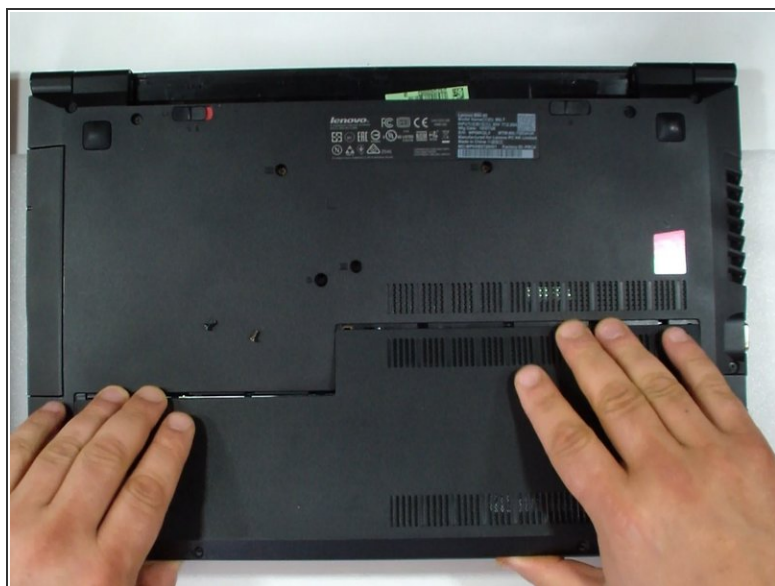
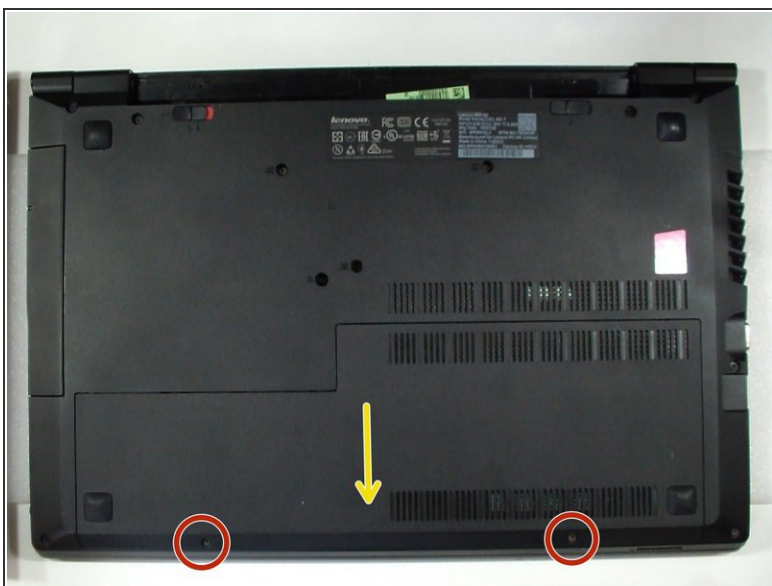
- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



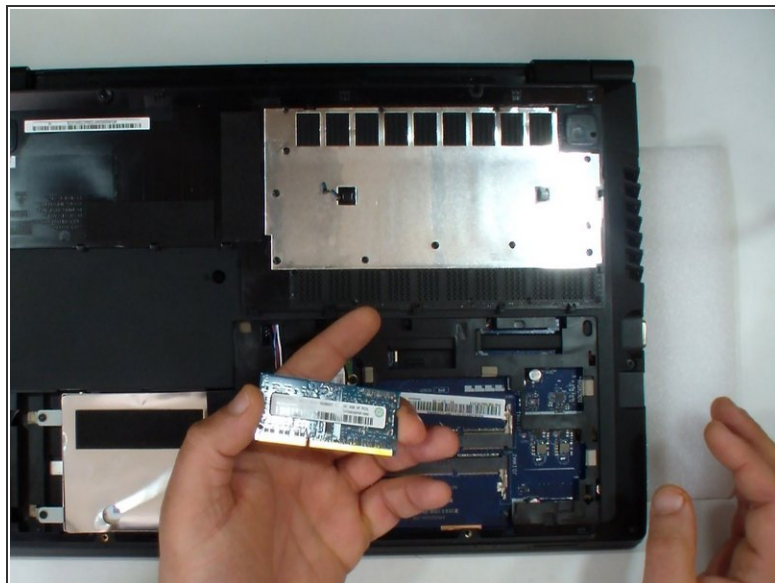
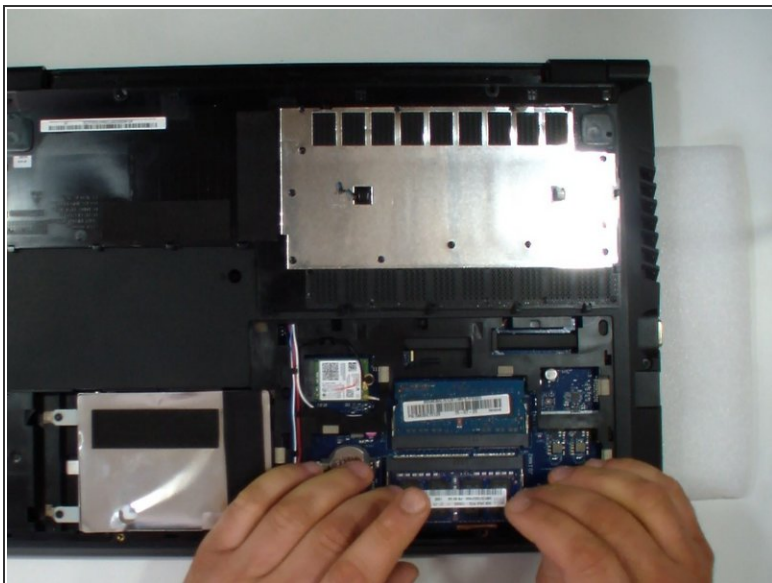
- Switch off the laptop, disconnect the AC adapter, and remove the battery.

## Step 2 — Memory / HDD cover



- Remove the screws securing the Memory / HDD cover.
- Slide the cover down and remove it.

## Step 3 — Memory Modules

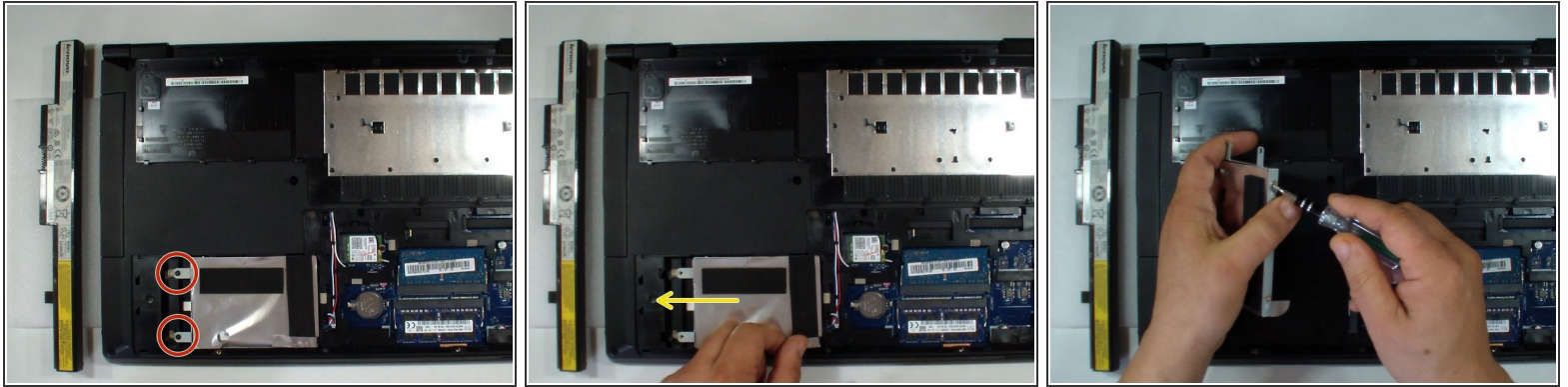


- To pop up the memory module you'll have to spread latches on both sides of the slot.

### MEMORY

- Speed 1600 MHz / PC3L-12800
- Technology DDR3L SDRAM SODIMM
- Max Supported Size 16 GB
- Form Factor SO-DIMM 204-pin
- Slots Qty 2
- Empty Slots 1

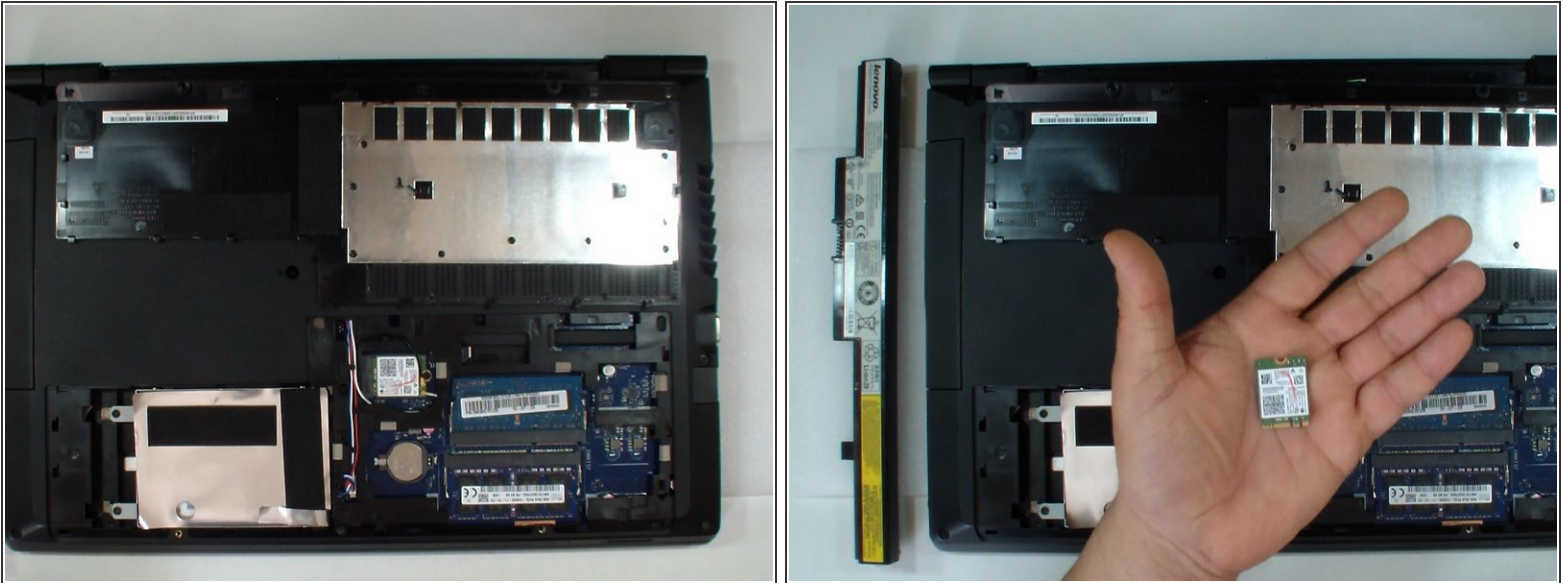
## Step 4 — Hard Disk Drive (HDD)



- Remove two screws securing the hard drive mounting bracketed.
- Slide the HDD to the left to disconnect it from the motherboard and remove it from the device.
- Remove two screws on each side of the HDD to remove the mounting bracket.
- Now you have to transfer the mounting bracket to the new HDD or SSD.

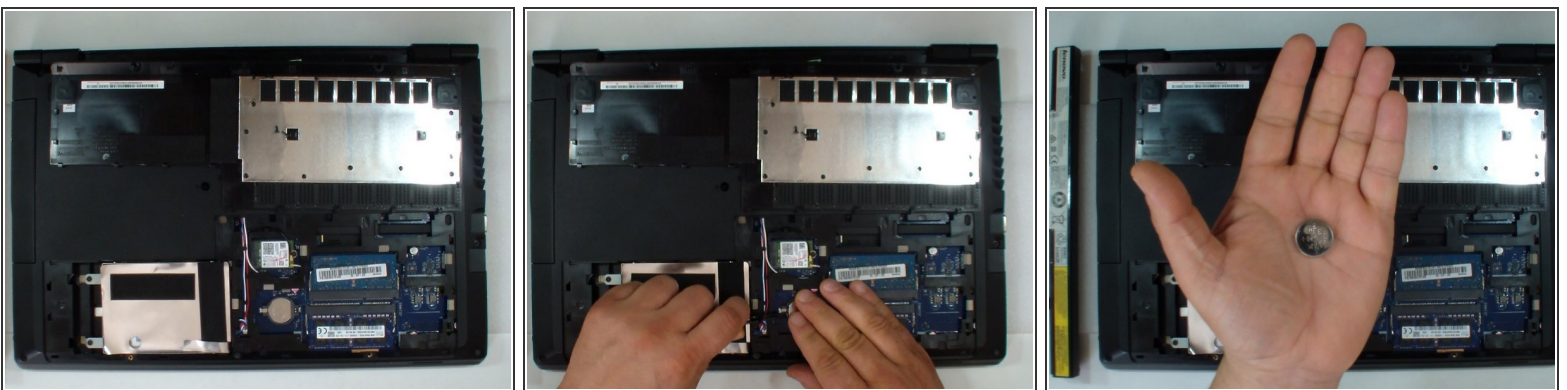


## Step 5 — Wireless / Bluetooth Card



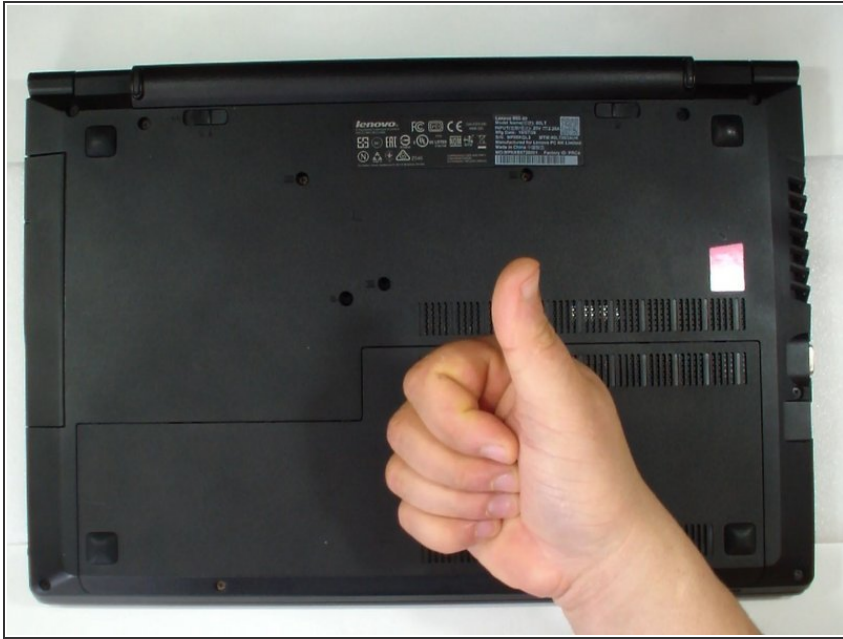
- Remove the screw and disconnect the two coaxial antenna cables from the WiFi card.
- Pop it up and remove it from the slot.
- ⓘ Wireless N M.2, or Next Generation Form Factor (NGFF) Card.

## Step 6 — CMOS Battery



- Complementary Metal-Oxide-Semiconductor (CMOS) aka Real-Time Clock (RTC)
- ⓘ CR2032

## Step 7



- That's all.

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