Lenovo B50 HDD, RAM, WiFi, CMOS Battery Replacement

How to disassemble the device and replace /...

Written By: ZFix

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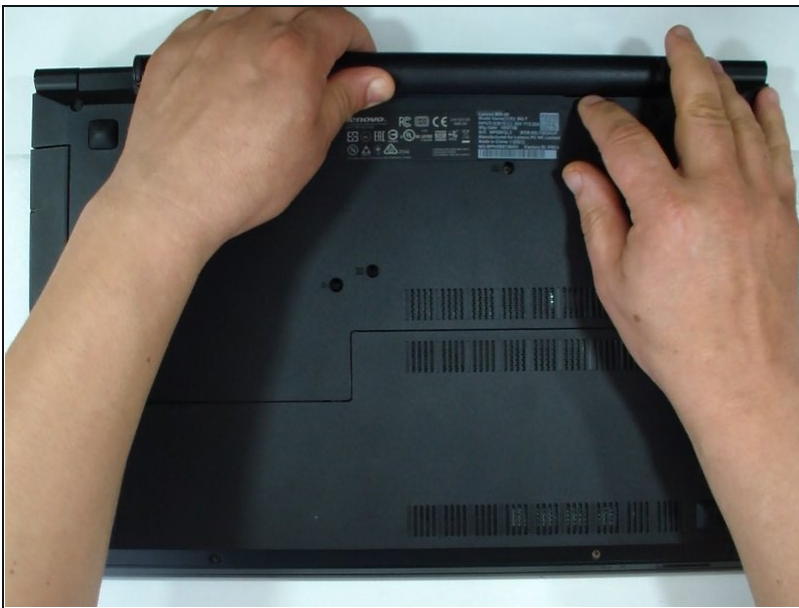
[video: https://www.youtube.com/watch?v=mevZtaxRLRA]

🔧 **TOOLS:**

Phillips #0 Screwdriver (1)
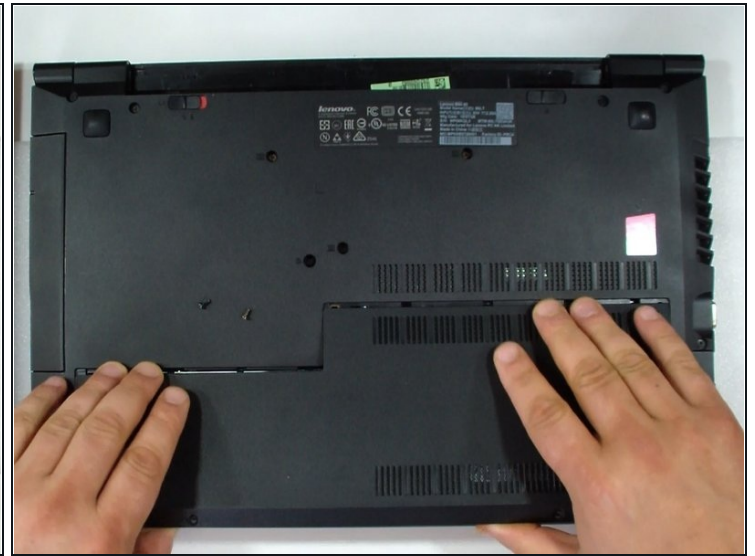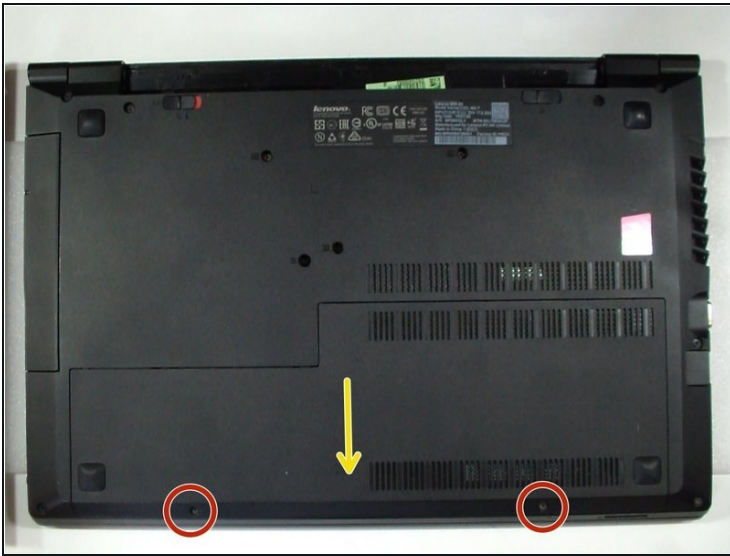iFixit Opening Tool (1)

⚙ **PARTS:**

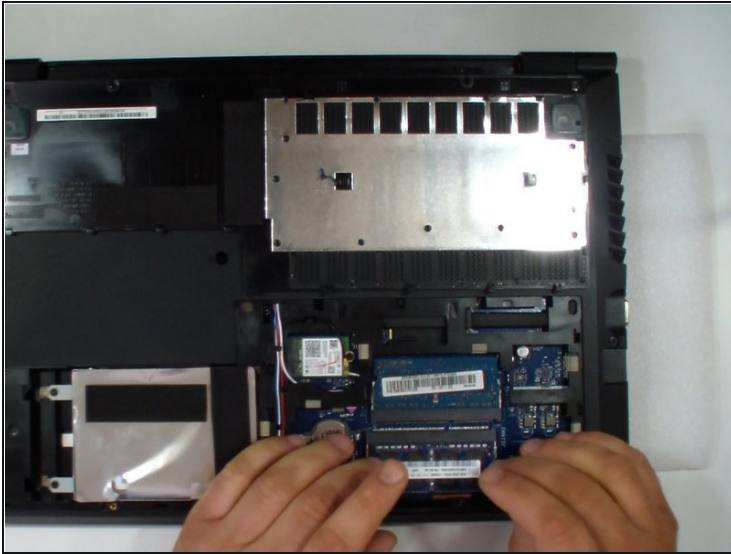Lenovo B50 and IdeaPad 100 Battery (1)

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.
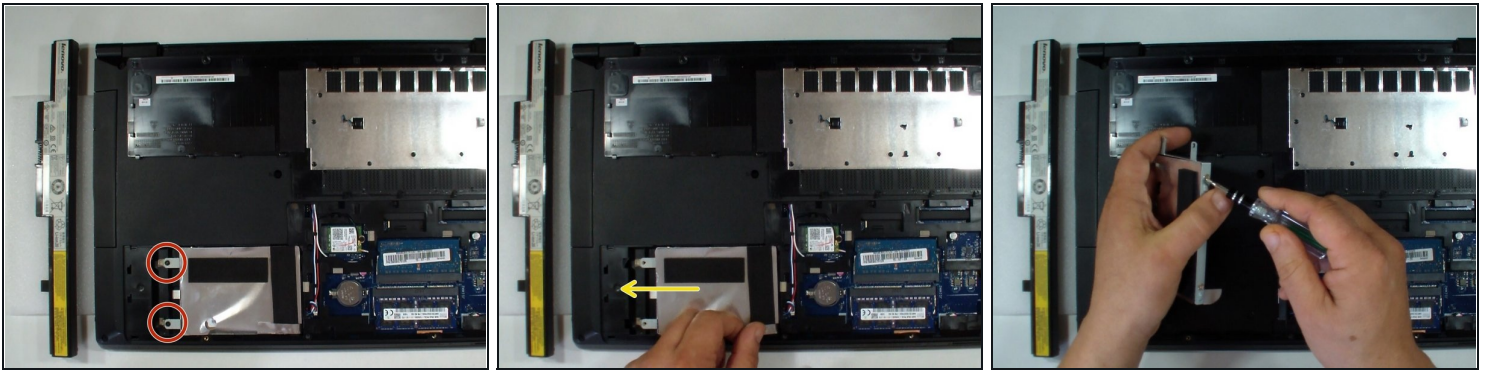
Step 3 — Memory Modules

- 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 bracked.

- 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.
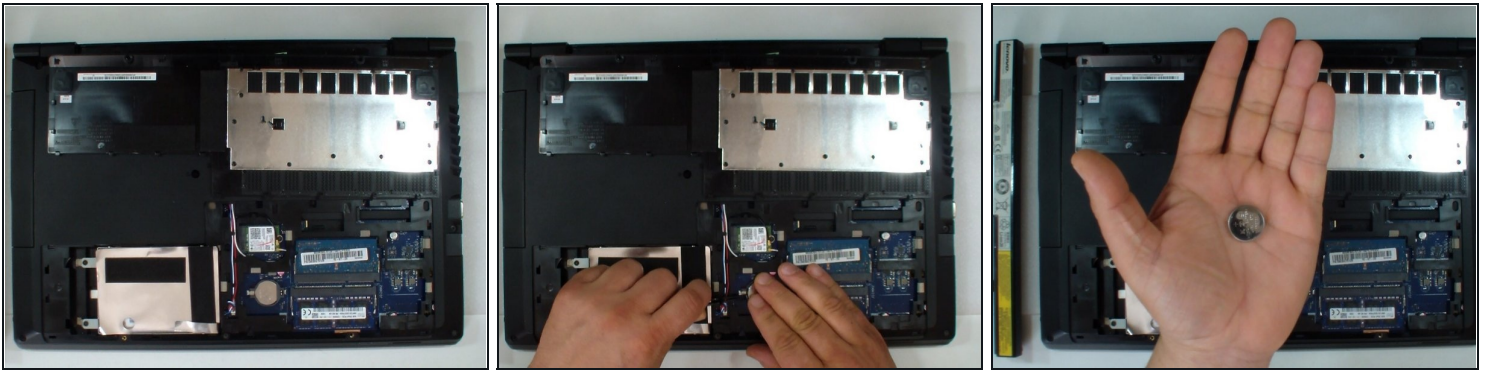
Step 5 — Wireless / Bluetooth Card
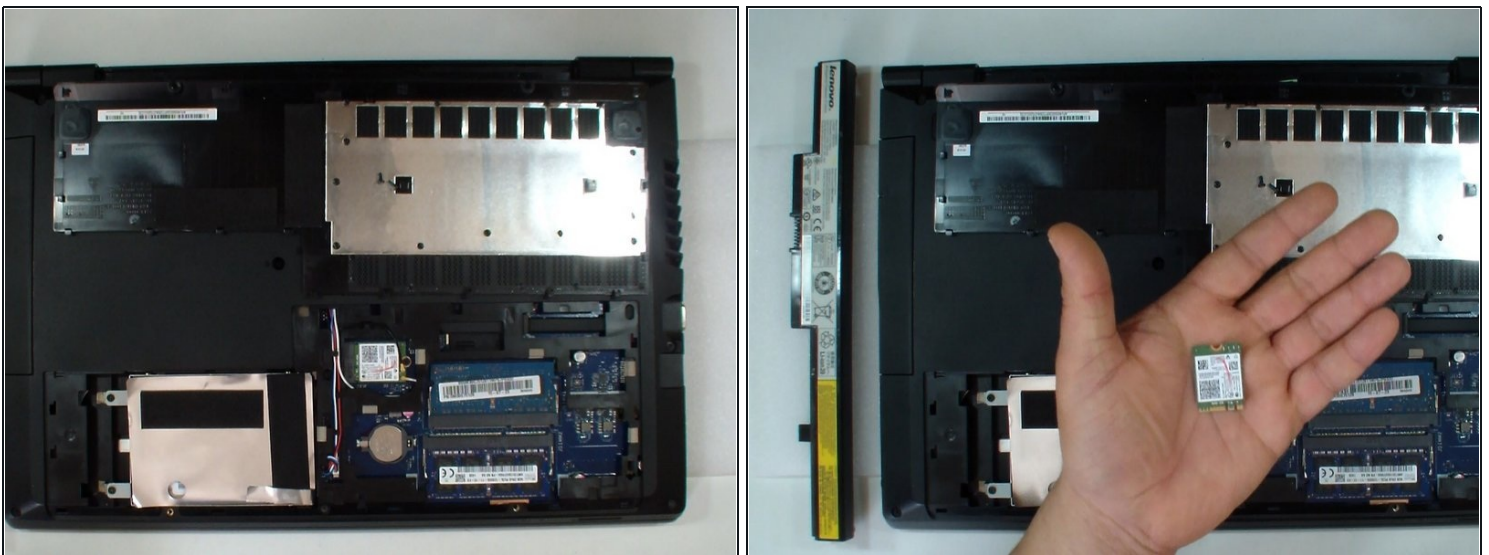
- Remove the screw and disconnect the two coaxial antenna cables from the WiFi card.

- 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.