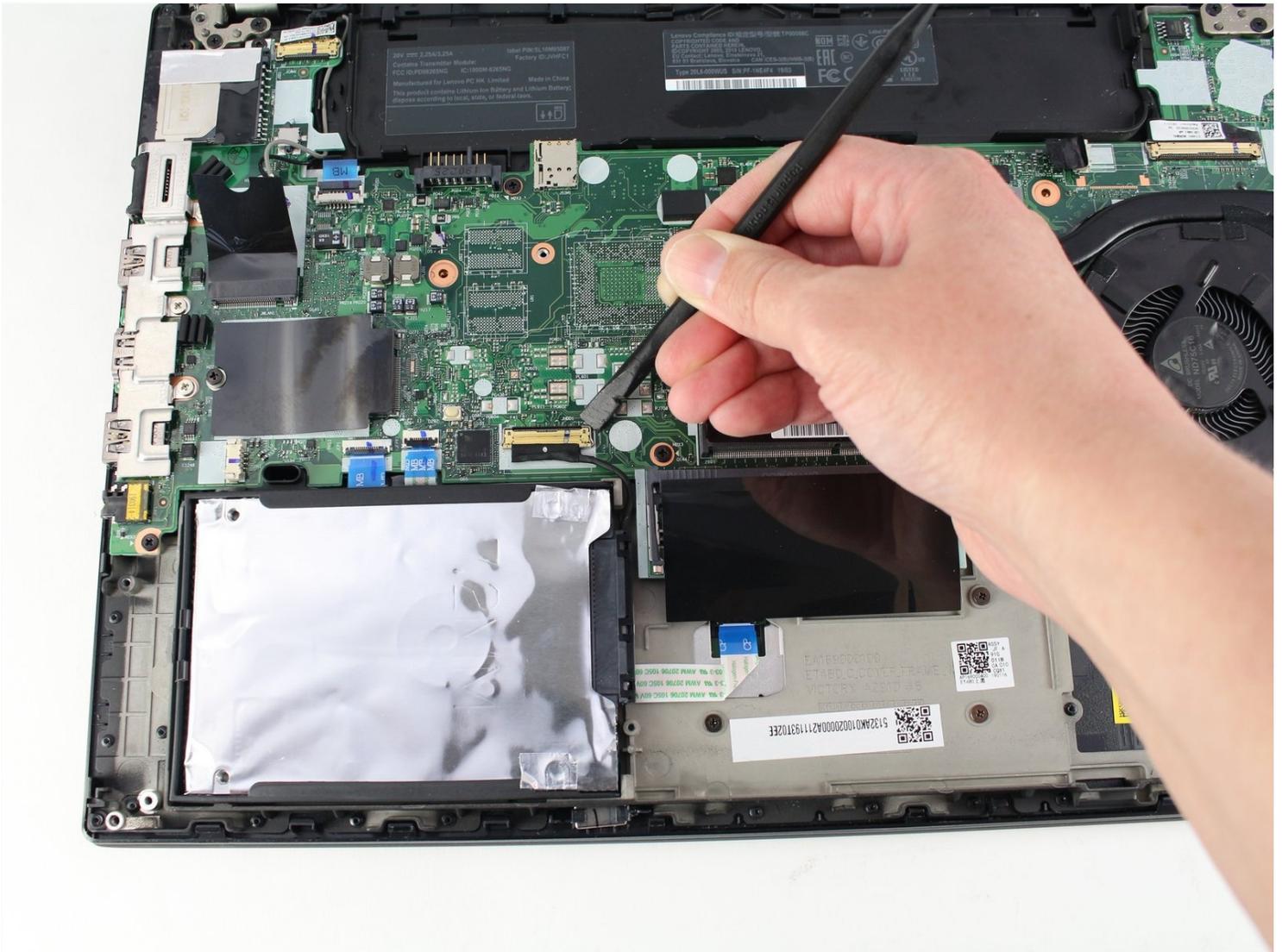




Lenovo ThinkPad T480 Hard Drive Replacement

This guide will walk you through the steps to...

Written By: Sarah Westberg



INTRODUCTION

This guide will walk you through the steps to replace the hard drive of your Lenovo ThinkPad T480.

The hard drive is a nonvolatile data storage and retrieval device which uses magnetic storage on one or more rotating platters.

If your hard drive fails or becomes corrupted, your computer may start to run extremely slowly, it may overheat, or it may fail to boot. If you experience “blue screen of death” errors or apps that freeze or crash, it might be time to replace your hard drive.

If you need to replace your hard drive, follow the instructions in this guide.

According to the [Lenovo Forum](#), this model has the capacity to upgrade to 1 TB Solid State Drive, PCIe-NVMe OPAL2.0 M.2.

Be sure to [disable the internal battery](#), turn off the computer, and unplug the laptop from the power adapter prior to starting the repair.

TOOLS:

[Phillips #1 Screwdriver](#) (1)
[iFixit Opening Tool](#) (1)
[Spudger](#) (1)

PARTS:

[1 TB SSD](#) (1)

Step 1 — External Battery



⚠ [Disable the battery](#), power down, and unplug your device before you begin.

- Flip the laptop over so the bottom of the device is showing.

Step 2



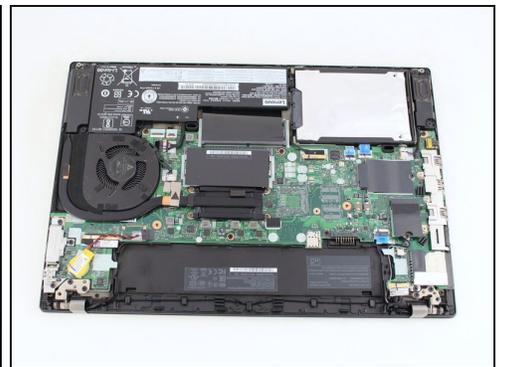
- Using your fingers, slide the lock on each side of the battery to the unlocked position.
- Remove the battery from the slot.

Step 3 — Back Cover



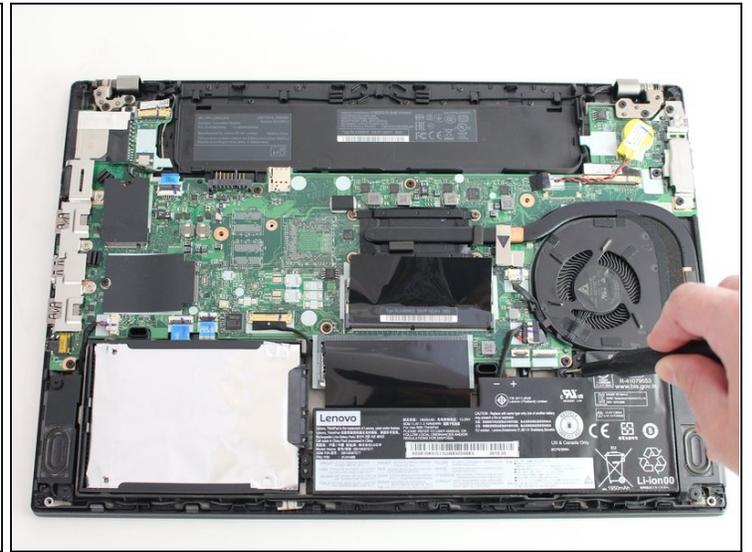
- Using the Phillips #1 screwdriver, loosen the six captive screws.

Step 4



- Insert the blue plastic opening tool into the space between the lower case and the chassis.
- Slide the opening tool around the perimeter of the case to release the clips holding the case and the chassis together.
- ⓘ If it feels like the battery well portion of the back cover isn't loose, these clips may be holding the cover to the laptop. Use your opening tool to pry the clips loose and try removing the cover again.
- Remove the back case.

Step 5 — Internal Battery



- Using the Phillips #1 screwdriver, remove the two 4.6 mm screws securing the internal battery to the frame.

Step 6



- Use the spudger to slide the battery socket connector parallel to the motherboard and out of its socket on the motherboard.

Step 7



- Using the black nylon spudger, wedge the battery up from the case and lift it out.

Step 8 — Hard Drive



- Using the black nylon spudger, lift the connector lock up.
- Disconnect the storage cable from the motherboard.

Step 9



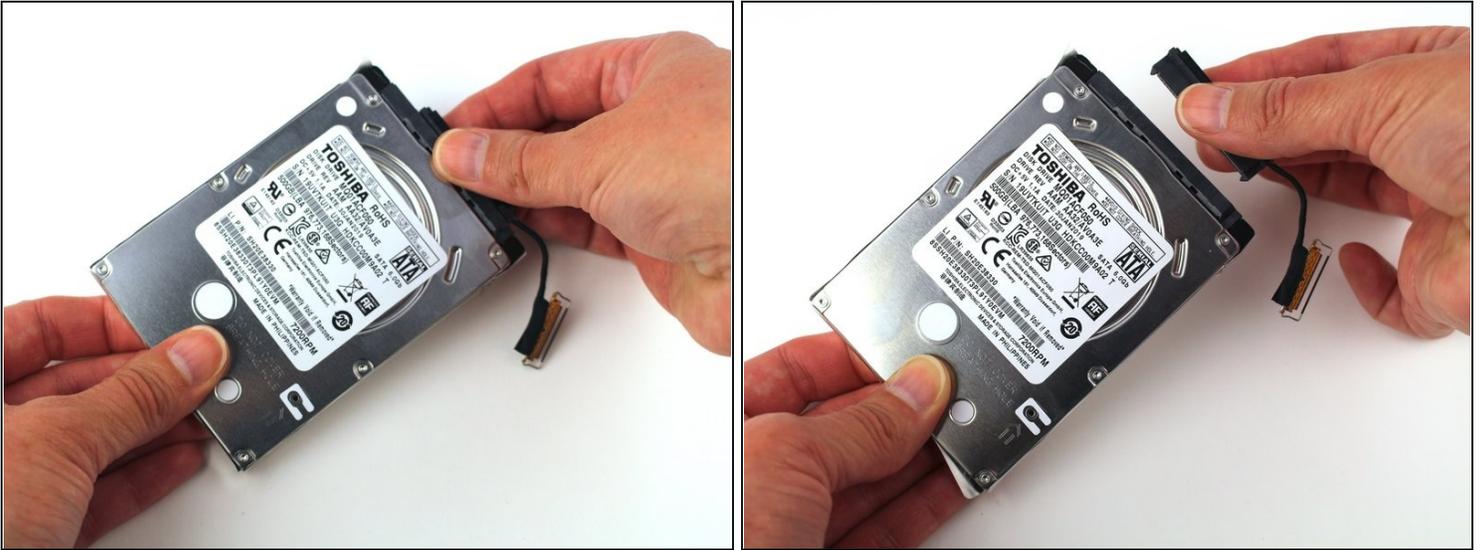
- Lift the hard drive up with a tab if it has one or with your spudger.
- Lift the drive assembly from the system.

Step 10



- Pull the plastic drive bracket outward to remove it from the hard drive.

Step 11



- Flip it over and remove the drive connector from the assembly.

To reassemble your device, follow the above steps in reverse order.

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our Answers community for help.