



# Lenovo IdeaPad U530 Touch Motherboard Replacement

The motherboard holds all of the integrated software and chips that run your device.

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## INTRODUCTION

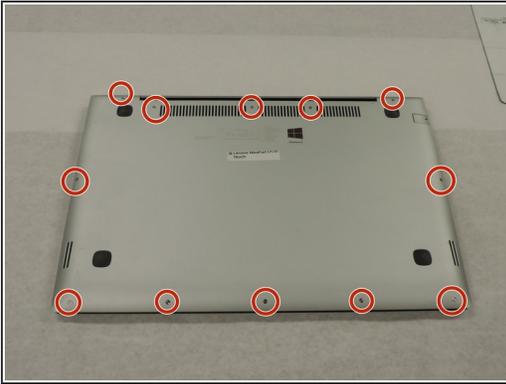
The motherboard is attached to everything in your device, so it is an intensive process to remove it.

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### TOOLS:

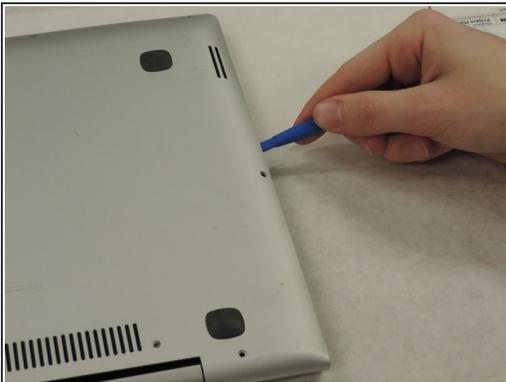
- [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tool](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Fan



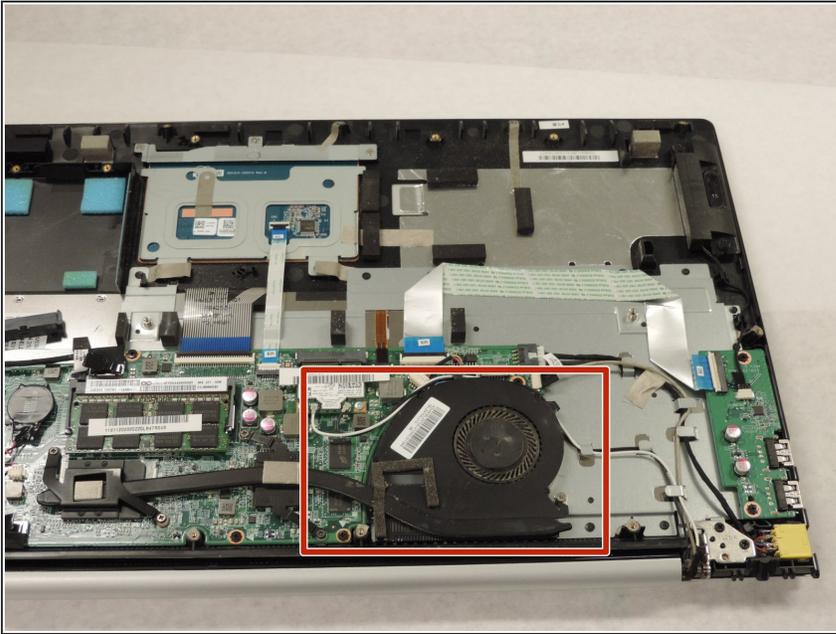
- Remove all of the screws on the back panel with a Phillips #000 screwdriver.
- Turn over the device and remove the two screws on the outside of the hinges.

## Step 2



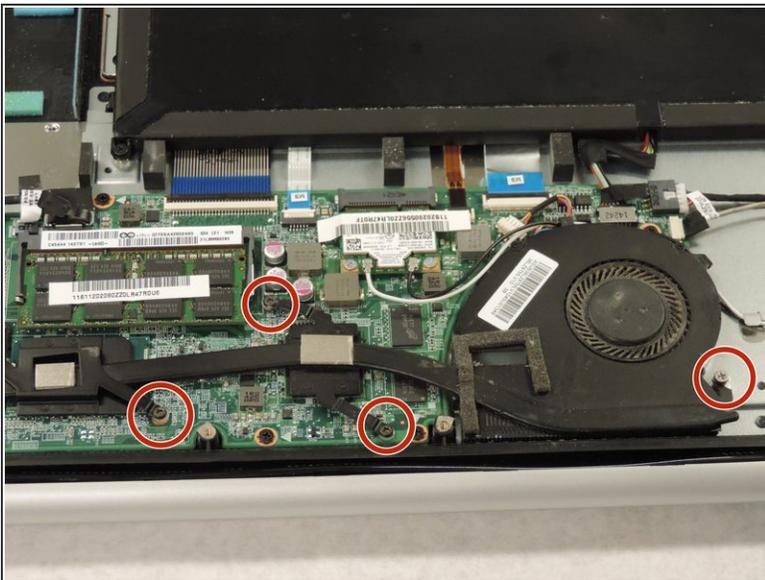
- Use a pry tool or iFixIt Opening tool to separate the back panel from the device.

## Step 3



- Locate the fan and associated parts. It will be in the bottom right of the computer pictured. It is black and has an extension heading off toward the left.

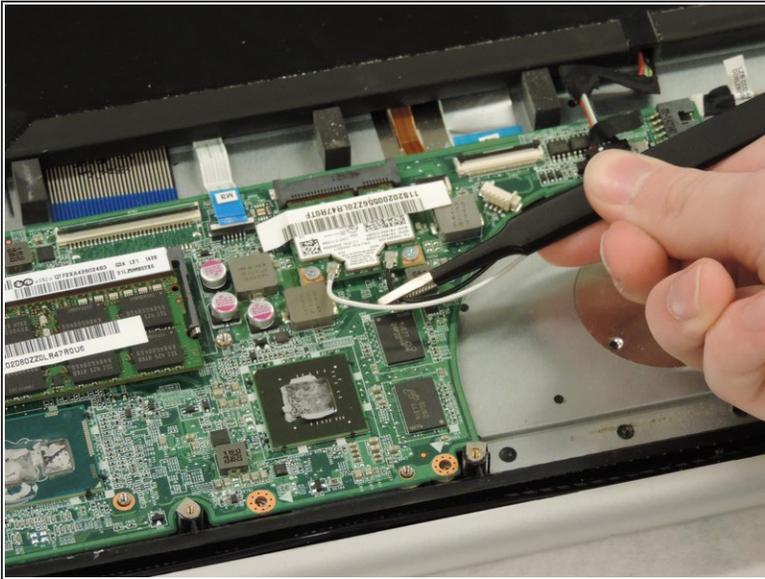
## Step 4



- Unscrew the fan casing by using a PH1 size screwdriver head.

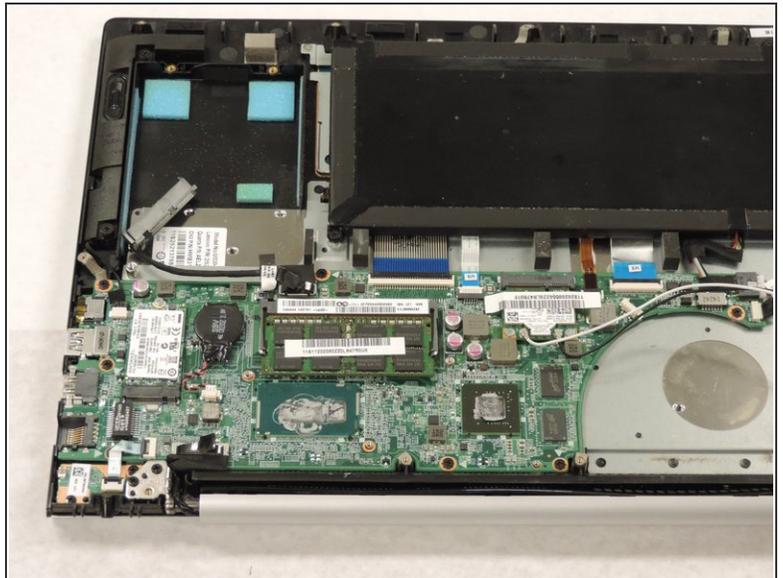
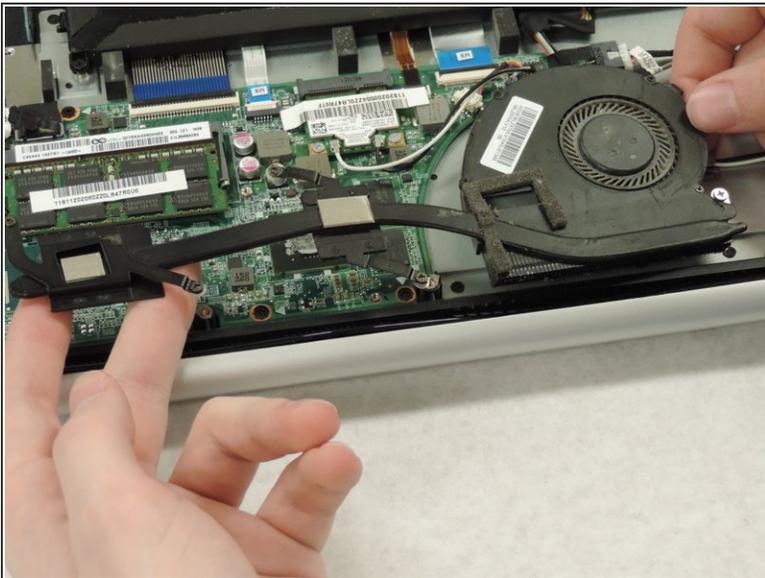
**⚠ All fan screws are attached to the fan apparatus, so do not attempt to separate them after unscrewing them.**

## Step 5



- Remove the black and white wires connecting the fan to the network adapter.

## Step 6



- Lift the fan straight out of the casing.

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