



# Asus VivoTab RT TF600T Motherboard Replacement

Step-by-step guide to replace the motherboard in a Asus VivoTab RT TF600T.

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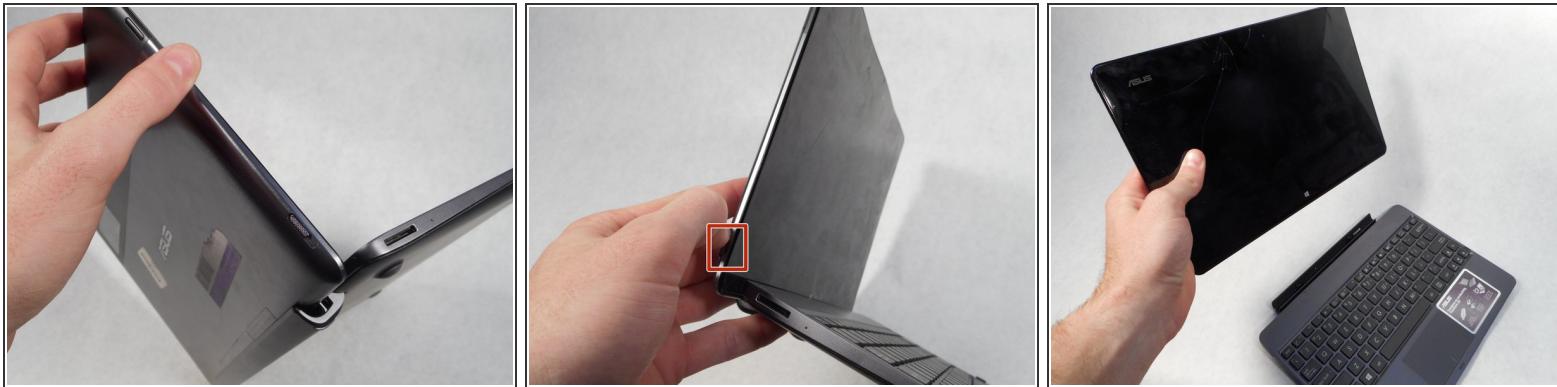
## INTRODUCTION

Step-by-step guide to replace the motherboard in a Asus VivoTab RT TF600T.

### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Phillips PH000 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)

## Step 1 — Motherboard



 Make sure the tablet is turned off.

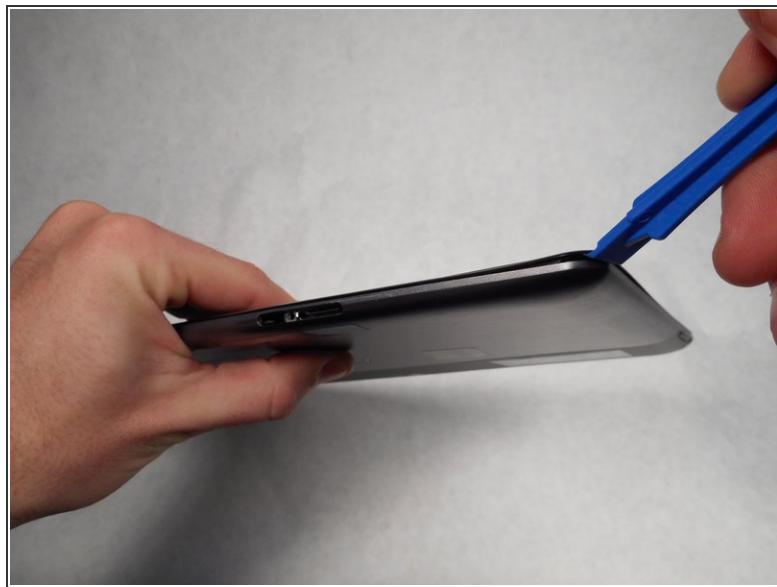
- Remove the tablet from the attached keyboard.
  - To remove the keyboard, simply depress the switch on the left side of the screen and pull the tablet portion off.

## Step 2



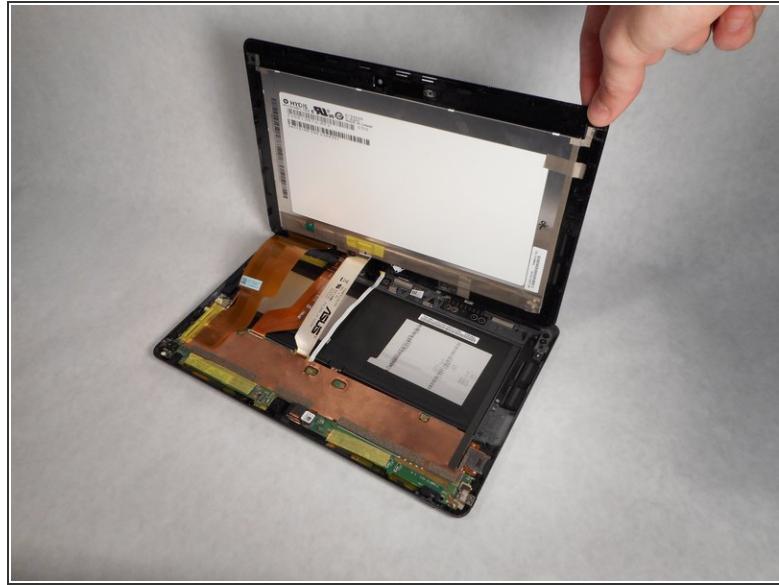
- Rotate the device 180°, and use a PH000 screwdriver to remove the two 1.59 mm screws at the bottom.

## Step 3



- Insert a plastic opening tool into the bottom right corner, and gently start to pry off the screen.
- Once the screen begins to separate from the body of the device, start working the tool around the outer edges until the entire screen becomes detached.

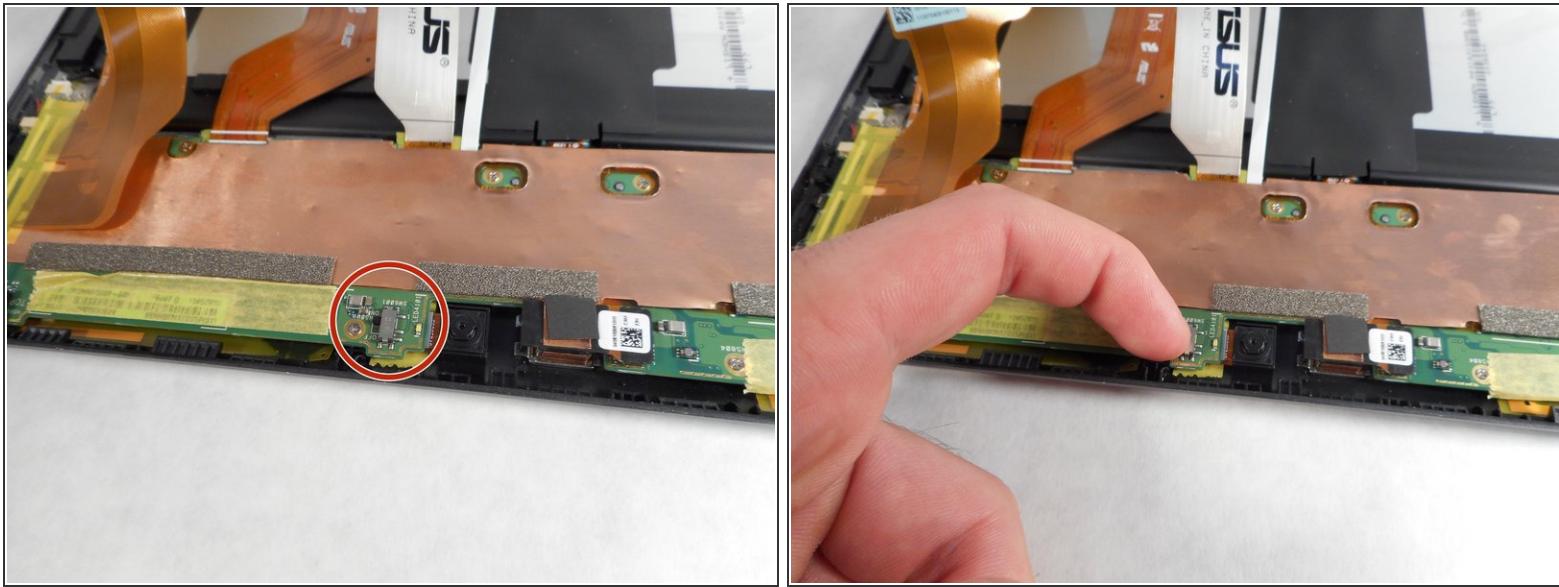
## Step 4



- Now that the frame is separated, lift the screen assembly partially away from the motherboard.

**⚠** The screen assembly is still connected to the motherboard. Use a small stack of books or other sturdy object to prop the screen up while you continue to work on freeing the cables.

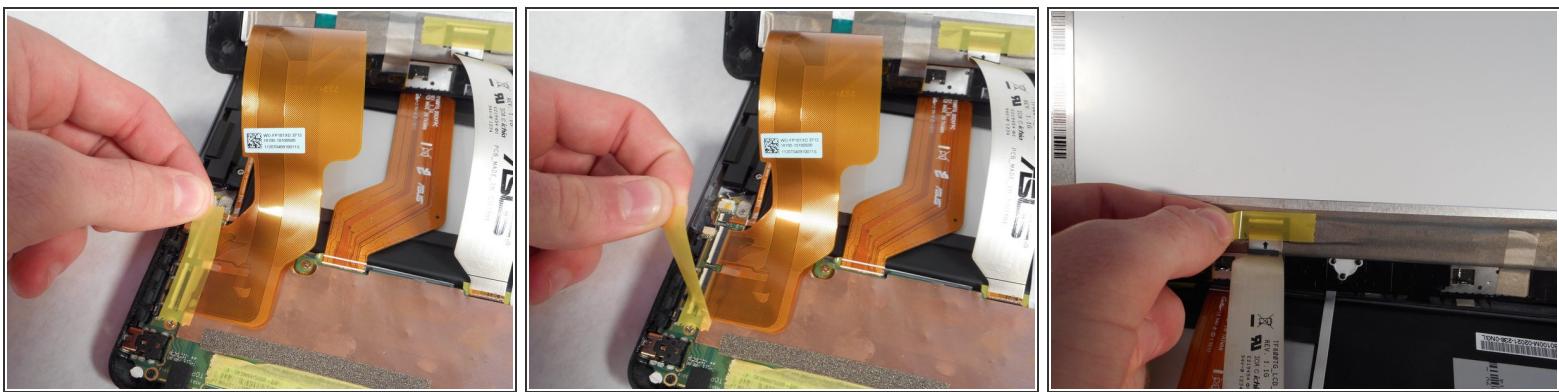
## Step 5



- Before disconnecting the display cables, turn off the switch labeled DIP; this switch is used to de-energize the system.

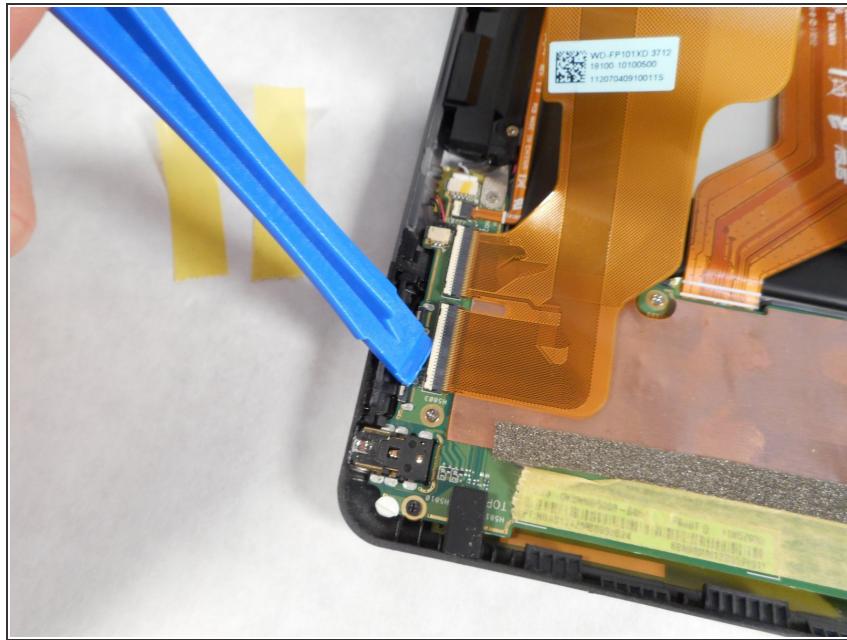
**⚠** The battery is connected to the motherboard. To avoid any short circuiting of the device, you must place the switch labeled DIP to OFF.

## Step 6



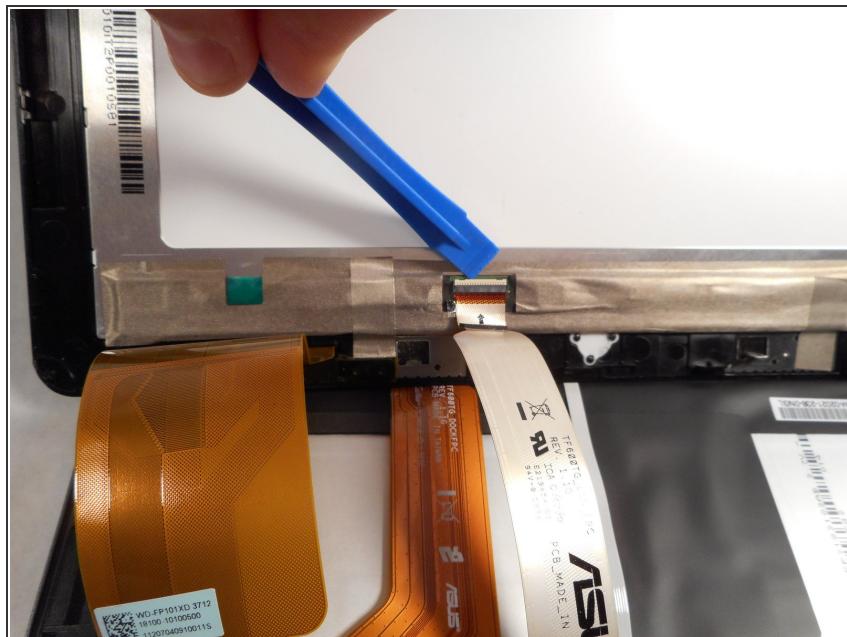
- Remove the yellow tape that secures the digitizer and LCD screen ZIF connectors.

## Step 7



- After removing the yellow tape, use a plastic opening tool to lift the two digitizer ZIF connector tabs; pull the ribbon cable free.

## Step 8



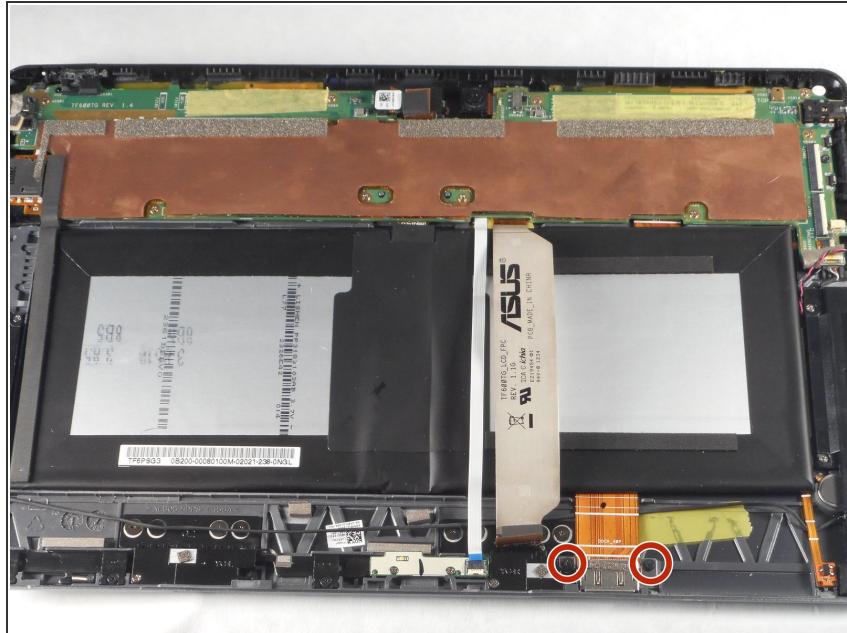
- Use a plastic opening tool to lift the LCD screen ZIF connector; pull the ribbon cable free.

## Step 9



- Lift the screen upwards to remove.

## Step 10



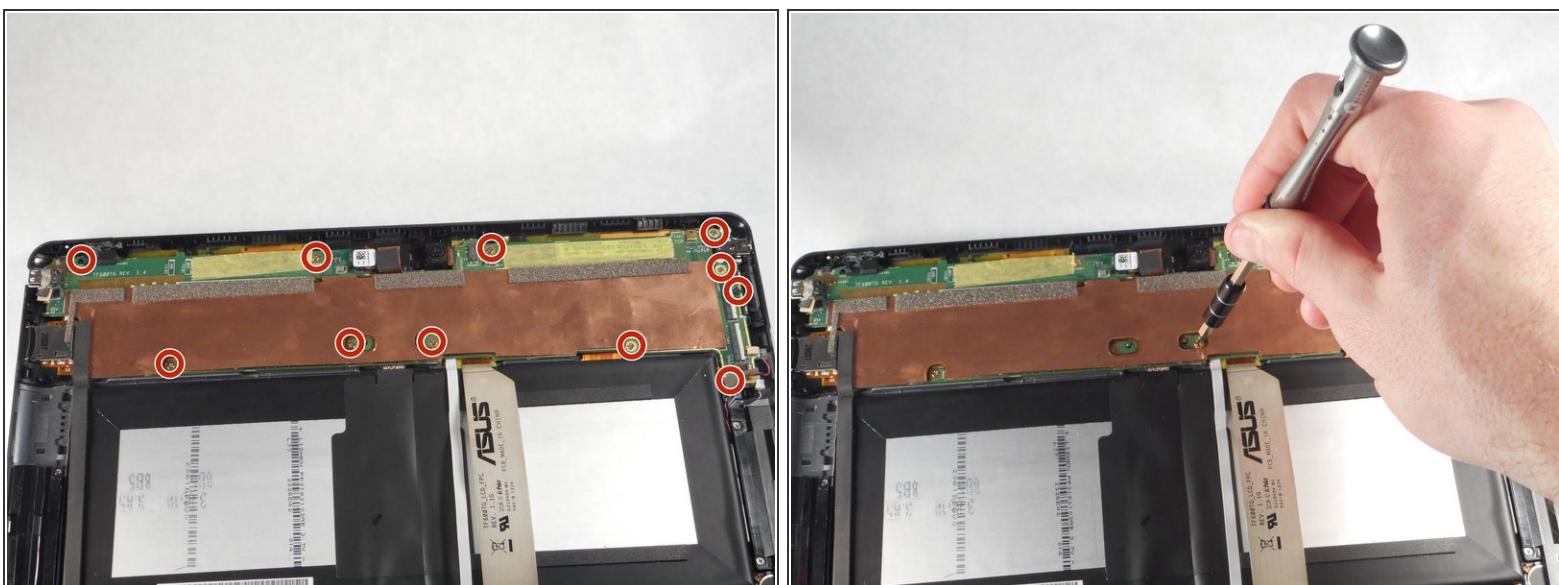
- Remove the two 0.79mm screws from the charging port with the Phillips #00 screwdriver.

## Step 11



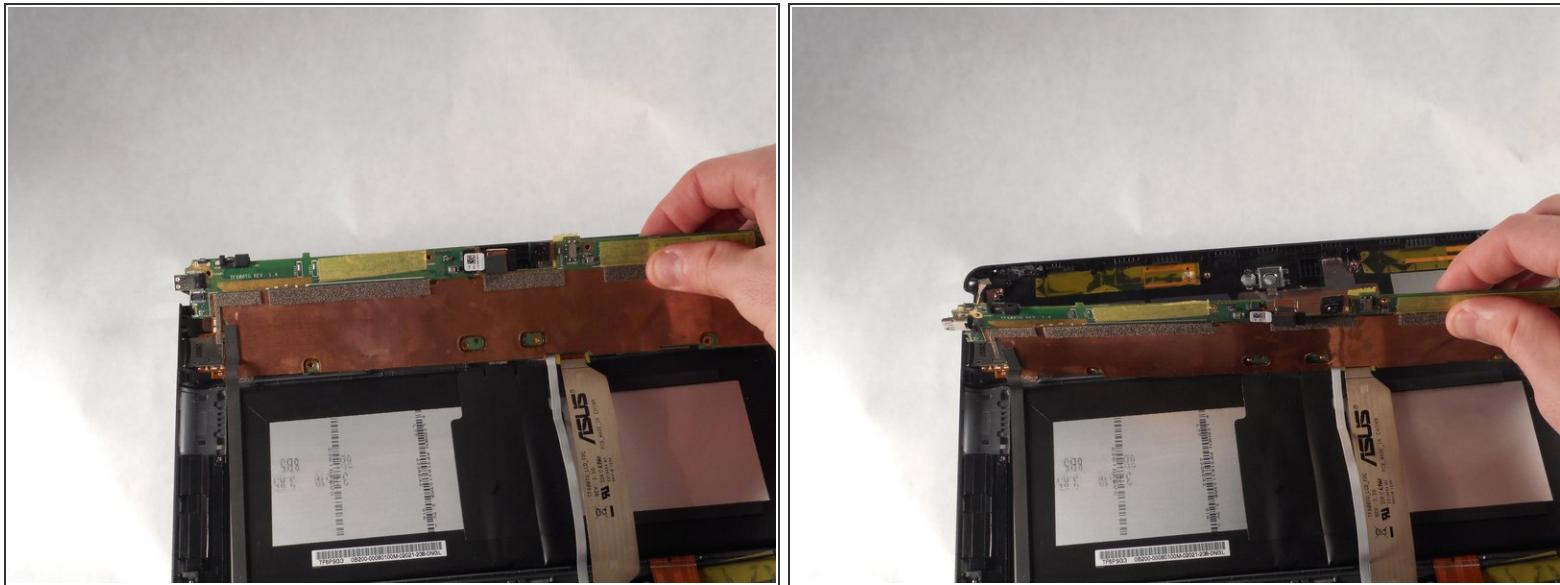
- Place the plastic opening tool behind the charging port, closest to the outer edge of the device.
- Gently pry the charging port away from the frame.

## Step 12



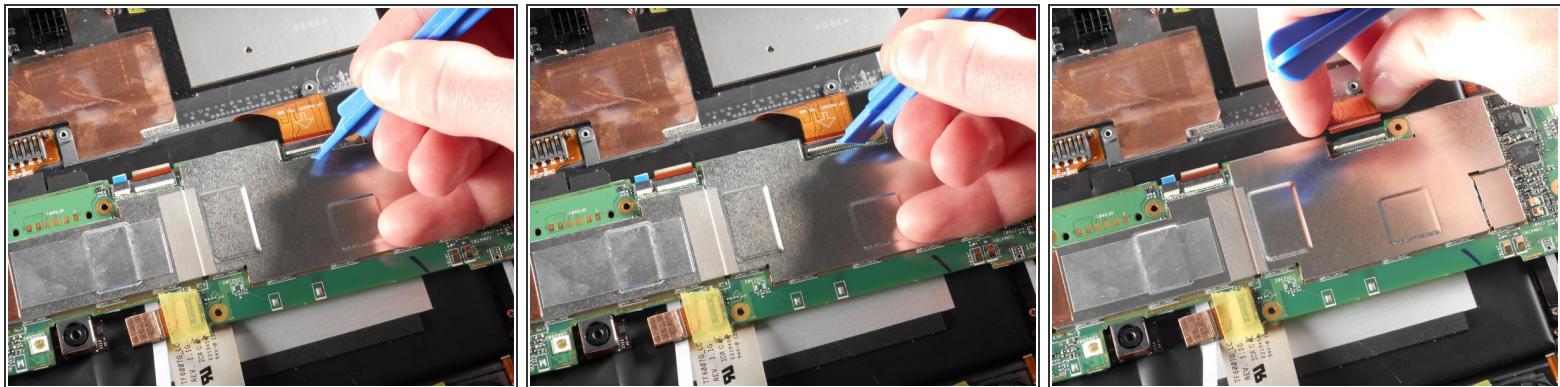
- Remove the eleven 0.79 mm PH000 screws from the motherboard.

## Step 13



- Use a nylon spudger to help carefully pry the motherboard from the back panel.
- Once the motherboard is relieved from the glue, use your hand to lift the motherboard up and to the opposite end of the back panel.

## Step 14



- Use a plastic opening tool to lift and release the battery ZIF connector; gently pull the ribbon cable free.
- Remove the motherboard.

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