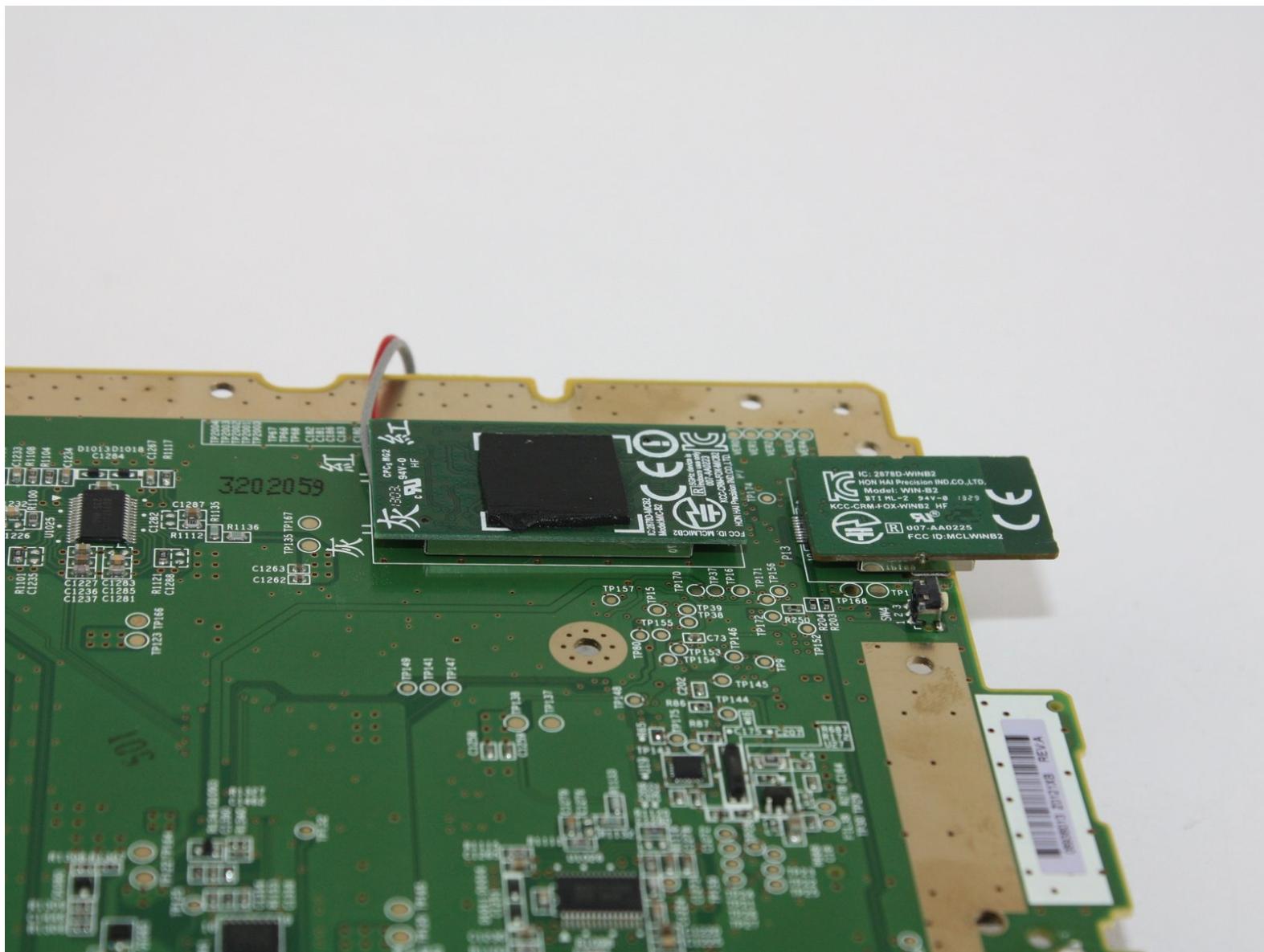




Nintendo Wii U Wireless and Bluetooth Module Replacement

This is a guide to replacing the Broadcom 2878D-MICB2 Wireless 2.4Ghz Module and Broadcom 2878D-WINB2 Bluetooth 4.0 Module .

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INTRODUCTION

Use this guide to learn how to replace the wireless LAN modules in the Nintendo Wii U.

TOOLS:

- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Y1 Tri-point Screwdriver](#) (1)

Step 1 — Wireless 2.4ghz Module and Bluetooth Module



- You will first need to find all the screws hidden underneath the black (or white) square stickers. They are all located on the bottom side of the Wii U. Use a spudger to remove stickers if it is difficult to peel off with your fingers.

Step 2



- Remove the five Phillips #0 screws.
- Remove the four Tri-Wing (Y1) screws.

Step 3



- Remove the CMOS battery door on the left side of the console.
- Remove the three Y1 Tri-Wing screws.

Step 4



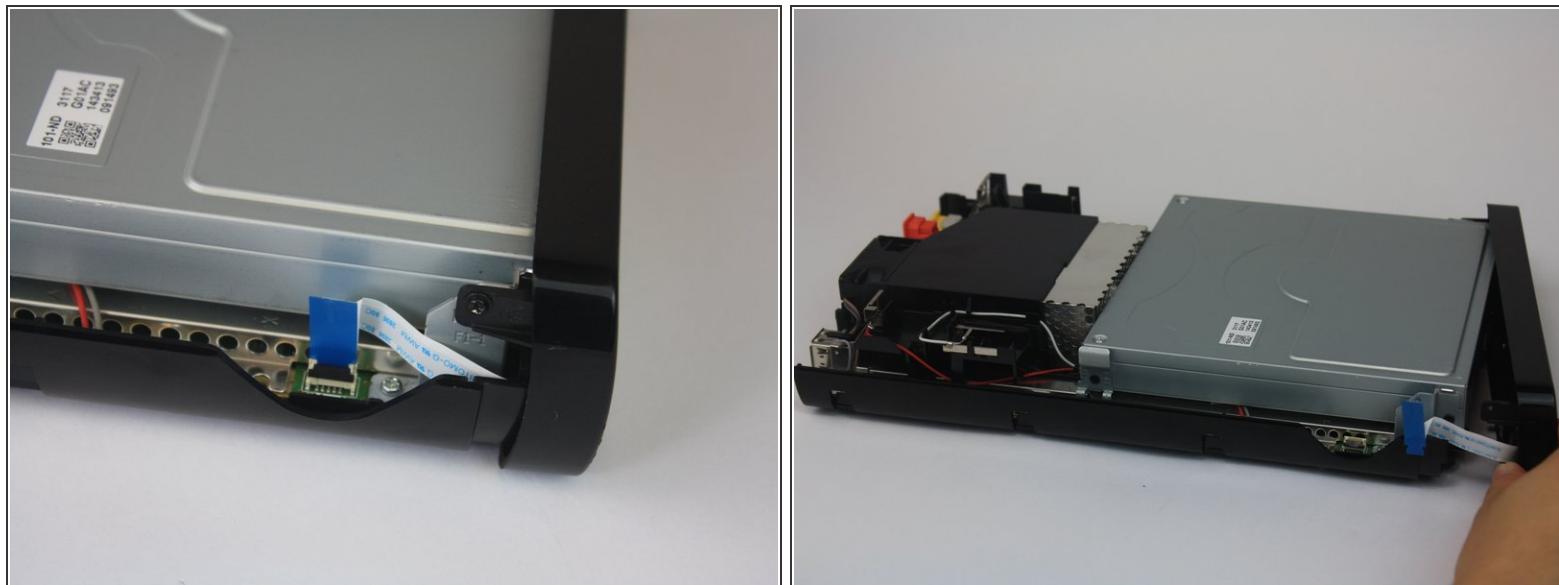
- Gently pry off the top lid of the Wii U.

Step 5



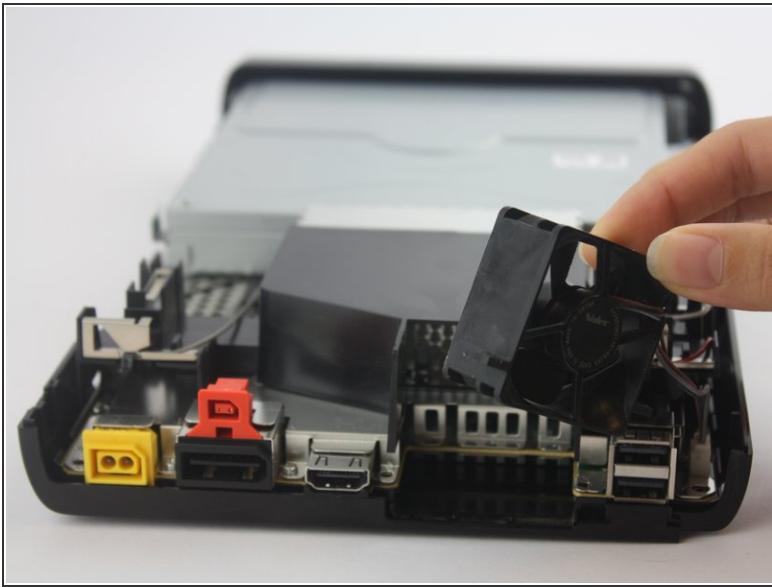
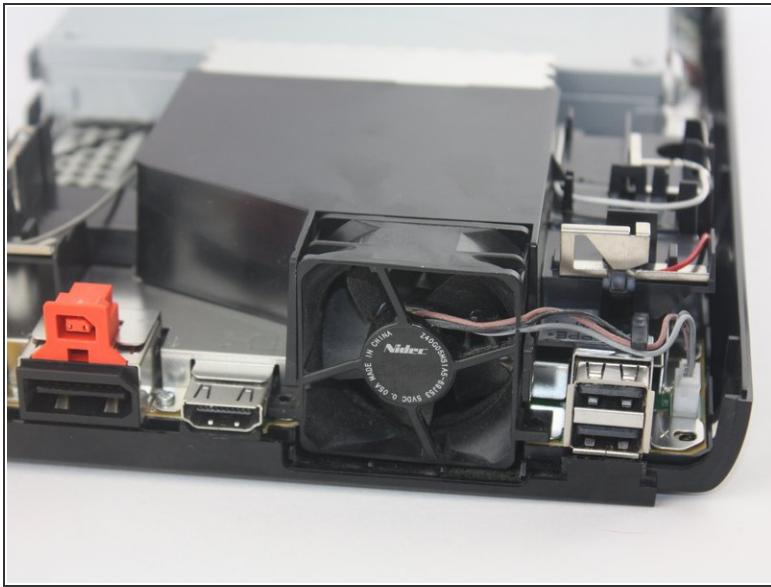
- Rotate the device so that the front plate is facing you.
- Remove the two Philips Head (PH1) screws that connect the front plate to each side of the device.

Step 6



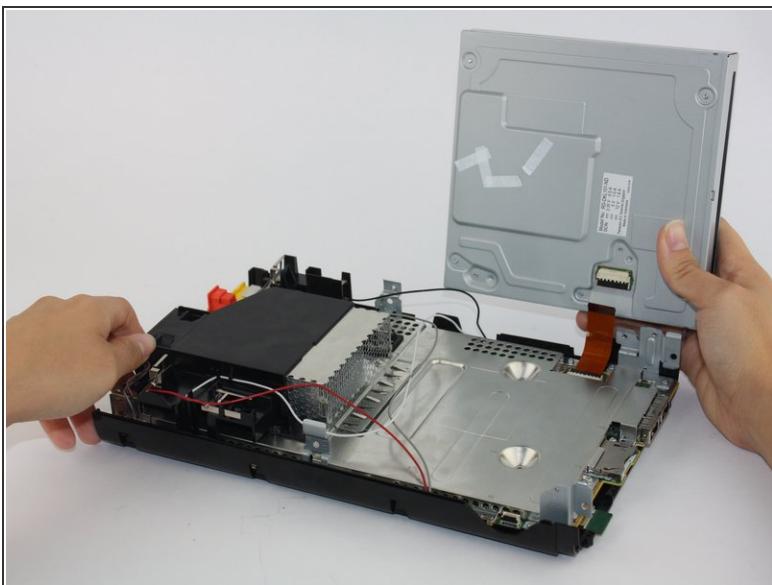
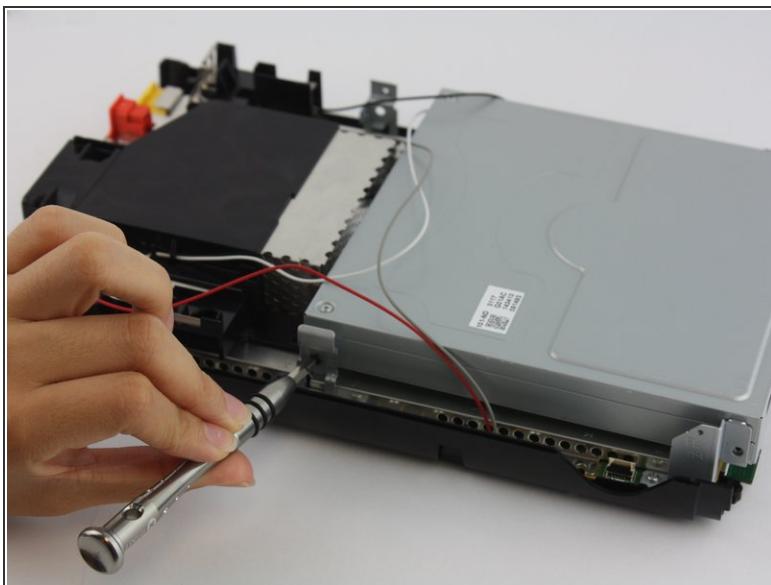
- Remove the ribbon cable and separate the front plate from the main console.

Step 7



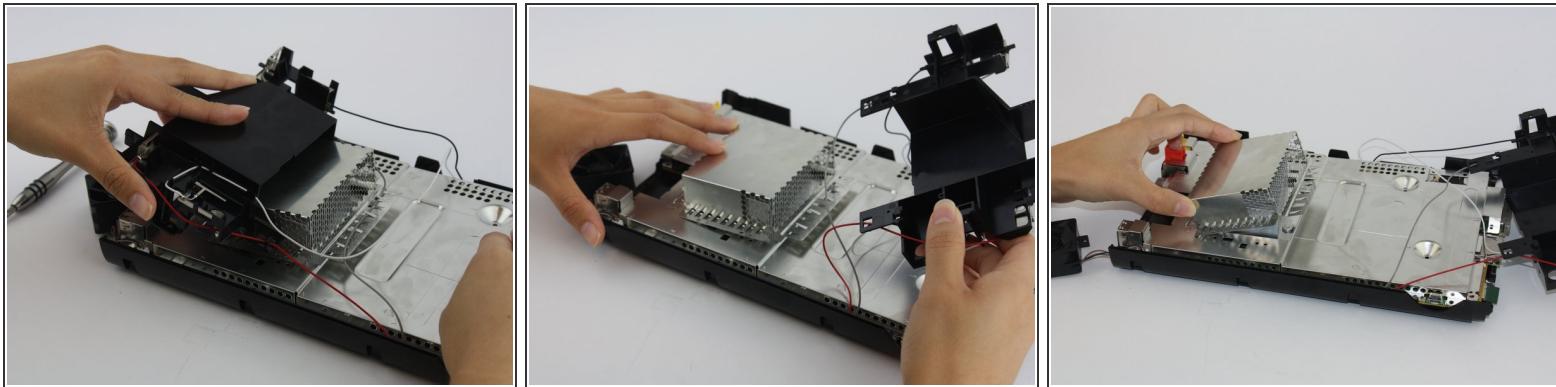
- Remove the fan by unscrewing the two connecting screws on both sides of the fan. The fan's wires will still be attached to the motherboard as it is permanently affixed.

Step 8



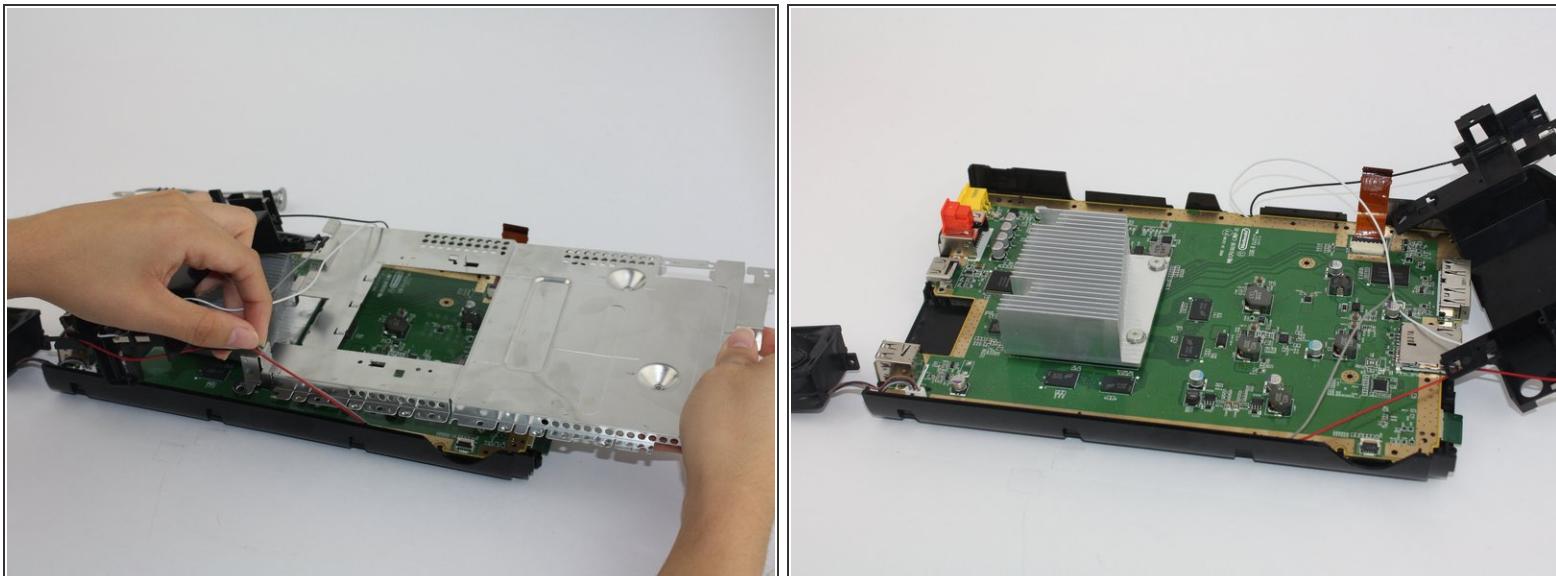
- Using a Philips head (PH0) screwdriver, unscrew the four screws off the disk reader from the main console and remove disc reader.

Step 9



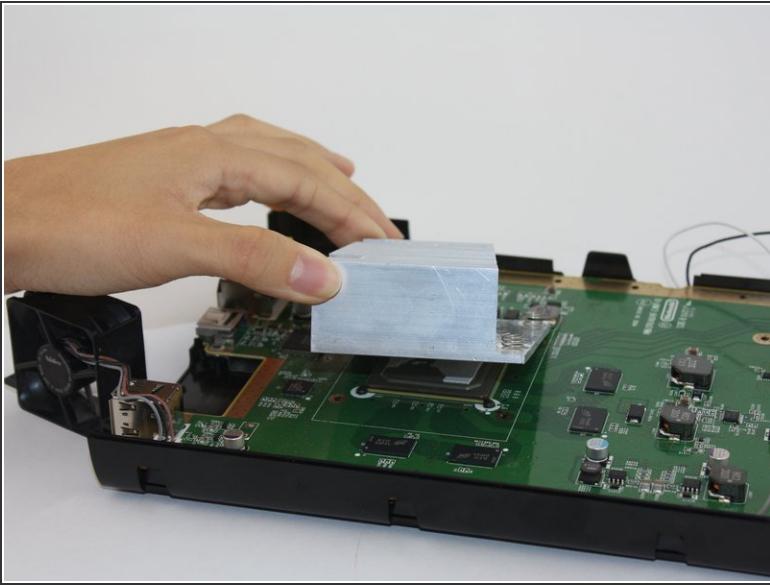
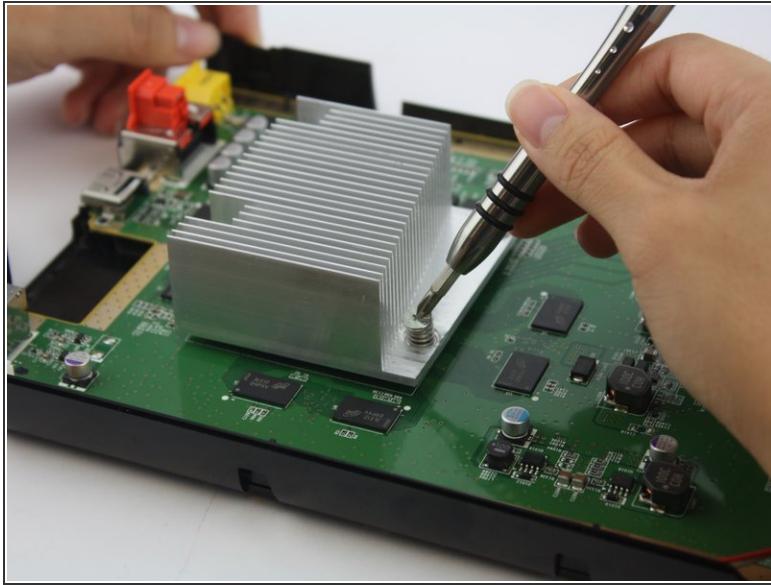
- Unscrew and remove the heatsink. You will have to carefully move the antenna cables out of the way in order to remove the heatsink shielding.

Step 10



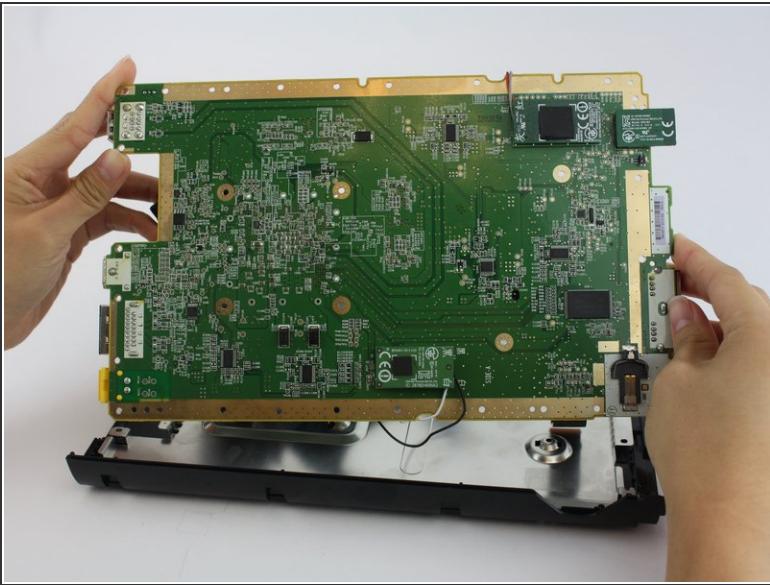
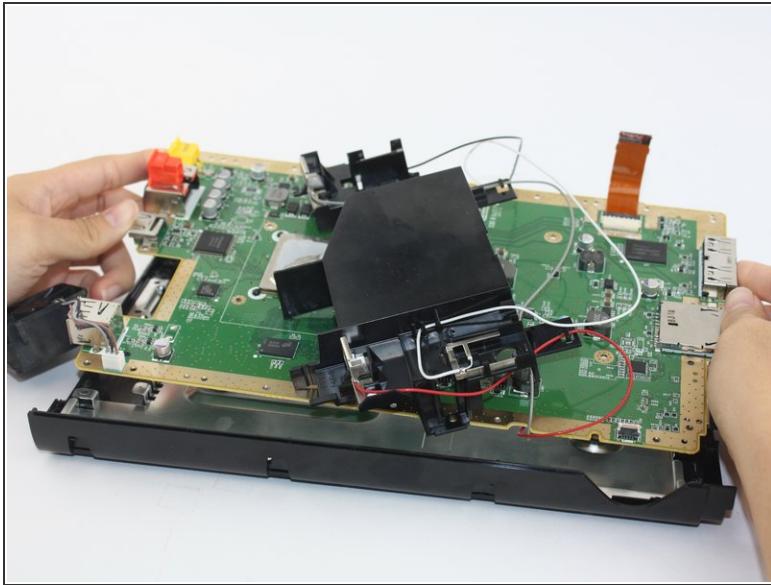
- Using a Philips head (PH1) unscrew all floor screws connecting the outer plate from the circuit board to remove the circuit board.

Step 11



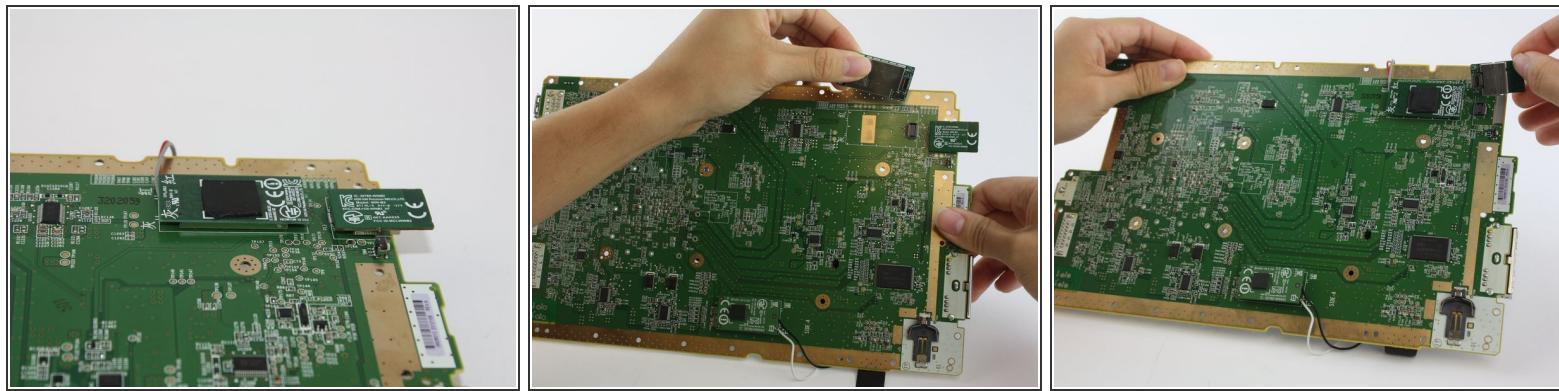
- Using a Phillips Head #1 unscrew the heatsink from the motherboard.

Step 12



- There are screws lining the perimeter of the motherboard that you will remove with a Philips Head (PH1) screwdriver. Once they are unscrewed, the motherboard should easily separate from the lower tray.
- Once the motherboard is detached, flip it over to view the wireless modules.

Step 13



- The wireless modules are attached with adhesive. Pull up gently on the module to avoid breakage.

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