



Written By: William Mazanec



INTRODUCTION

If you find that your laptop no longer connects to a Wi-Fi connection, or the computer runs very well but connecting to the internet is sluggish. It may be time to replace the wireless network card.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Magnetic Project Mat](#) (1)



PARTS:

- [Wireless Network Card](#) (1)
RTL8188EE
802.11 bgn

Step 1 — Battery



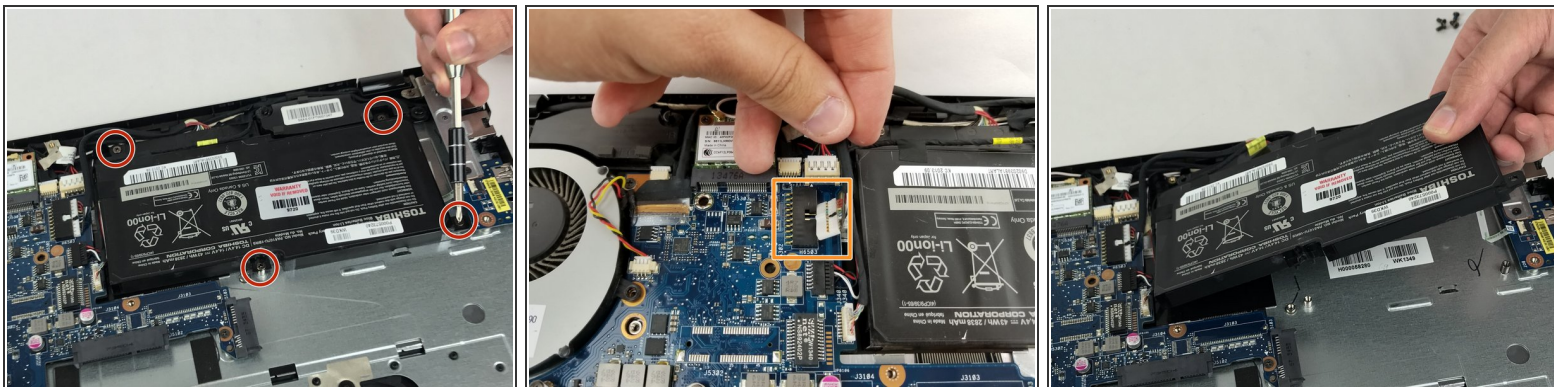
- Remove the fourteen 5mm Phillips #0 screws from the bottom of the laptop.

Step 2



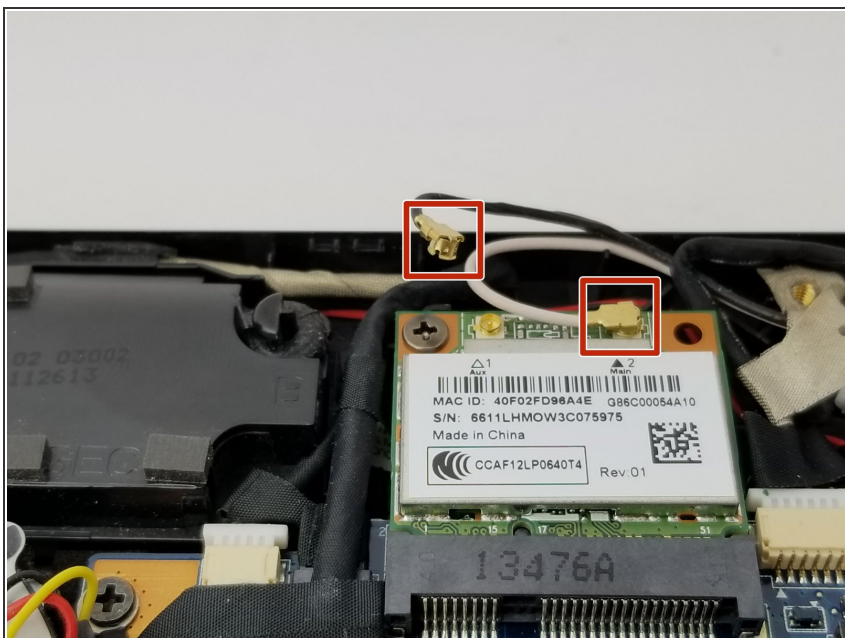
- Using the plastic prying tools, go around the edge of the bottom of the laptop to release the cover.

Step 3



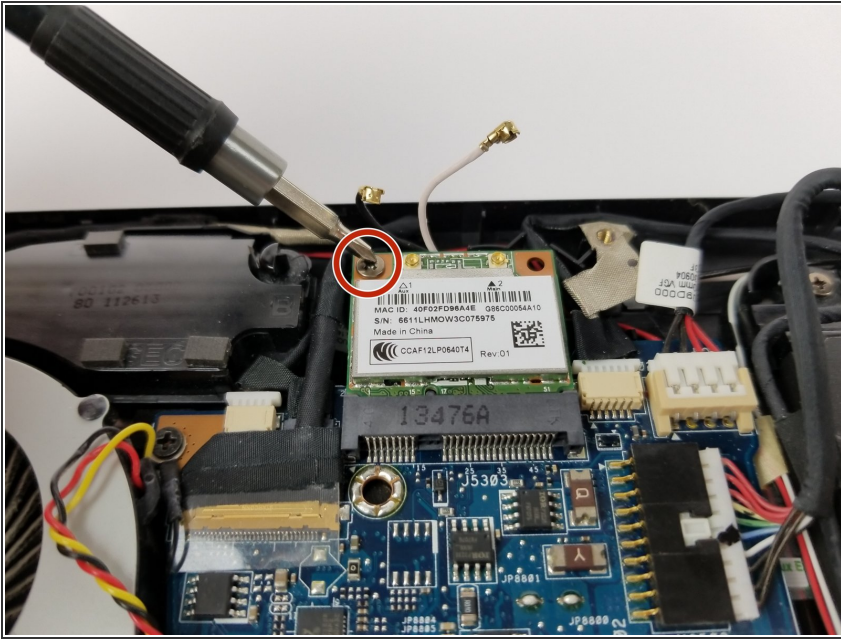
- Remove the four 5mm Phillips #0 screws from the battery.
- Unplug the battery from the motherboard.
- Remove the battery from the laptop.

Step 4 — Wireless Network Card



- Disconnect the black and white antenna wires from the wifi card.

Step 5



- Remove the 3mm Phillips #0 screw from the wifi card.
- Remove the card from its socket.

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