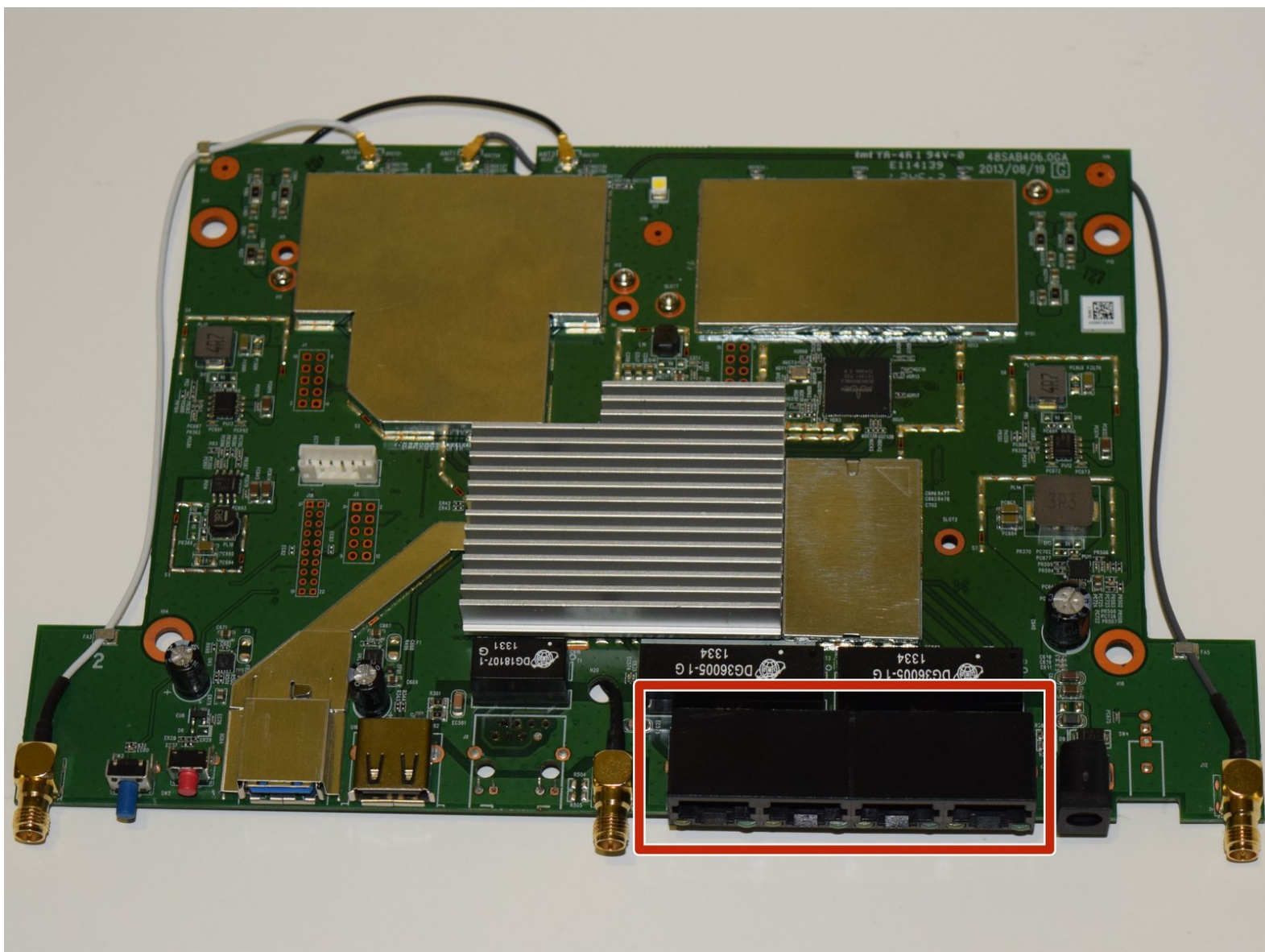# Ethernet Port Replacement

How to access the internal motherboard in order to replace the Ethernet ports.

Written By: Denis

INTRODUCTION

This guide will teach you how to access the motherboard in order to replace the Ethernet ports.

🔧 TOOLS:

- Tweezers (1)
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)
- Solder (1)
- Spudger (1)
- Soldering Iron (1)

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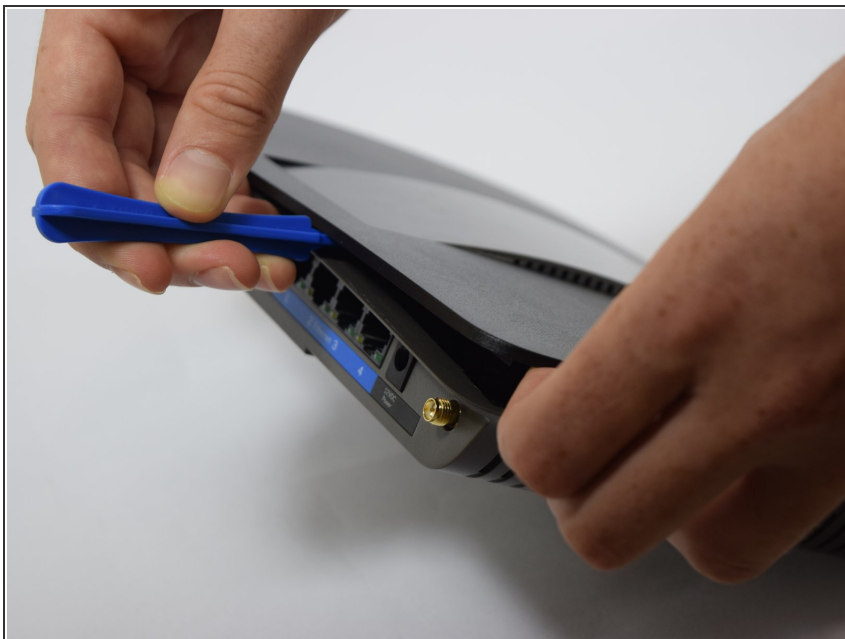## Step 1 — Linksys EA6900 Disassembly

- Remove the antennas by unscrewing them from the base.

- Flip over the device and locate the four rubber feet on the bottom.

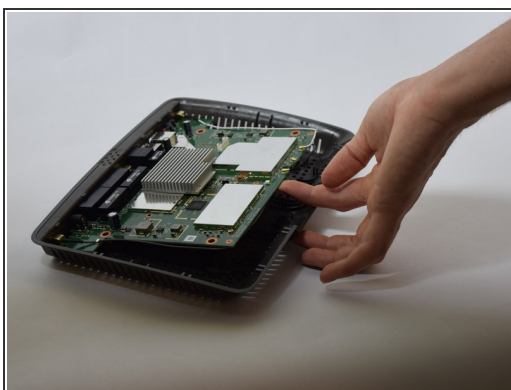- Remove the rubber feet with tweezers

Step 2

- Remove the 0.4cm head screws from each slot with the #1 Phillips head Screwdriver.

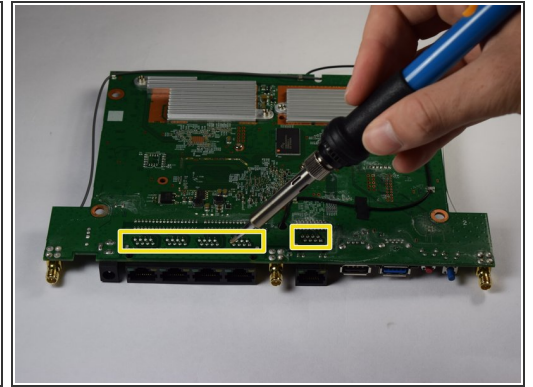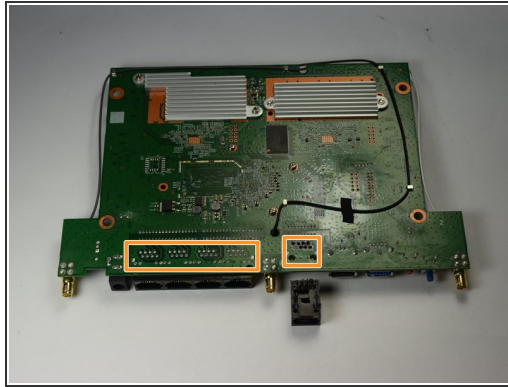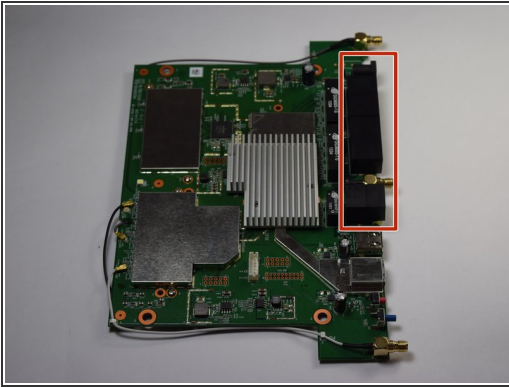This document was generated on 2020-11-22 09:46:25 AM (MST).

Step 3

- Use a blue plastic opening tool to remove the top cover.

- Move the blue plastic opening tool gently underneath the top cover from side to side.
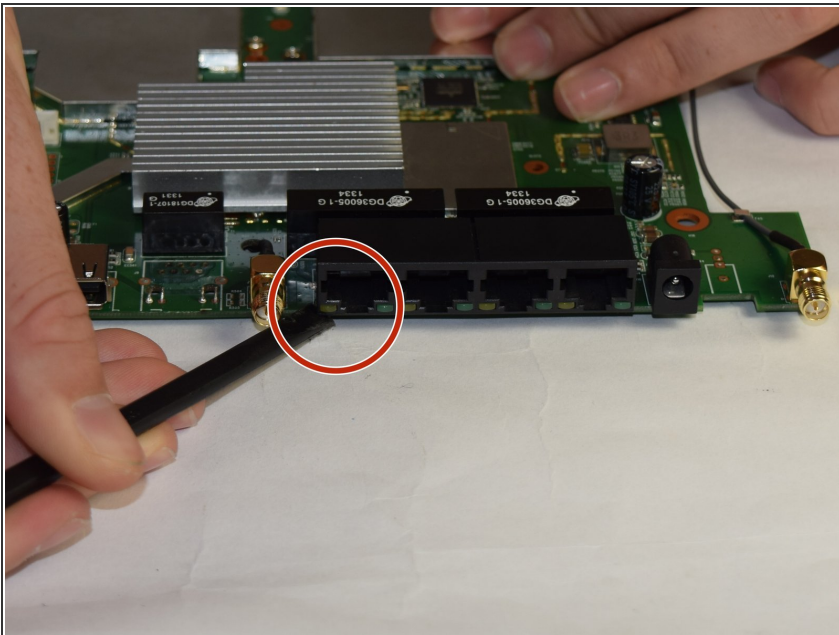
Step 4

- Gently lift the motherboard and remove it from the case

- Put the motherboard over a (preferably white) surface.

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Step 5 — Ethernet Ports

- Locate the Ethernet ports

- Flip the motherboard and locate the 40 solder points corresponding to the Ethernet ports

- Melt the 40 solder points using a soldering gun.

- ⚠ Wait between five and seven minutes for the ports to cool down.

Step 6

- Hold the motherboard down and use the spudger to remove the Ethernet Ports.

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

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