



Verizon M1424WR Motherboard Replacement

This guide will illustrate how to remove the circuit board from the Verizon M1424WR casing.

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INTRODUCTION

The circuit board is home to many of the smaller parts of the Verizon M1424WR. These parts are soldered on to the circuit board, so in order to access them, you will need to remove the circuit board from the casing.

This router will have to be reauthenitcated with Verizon if you replace any WAN hardware or the whole board. Your new MAC address will not be approved.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Motherboard



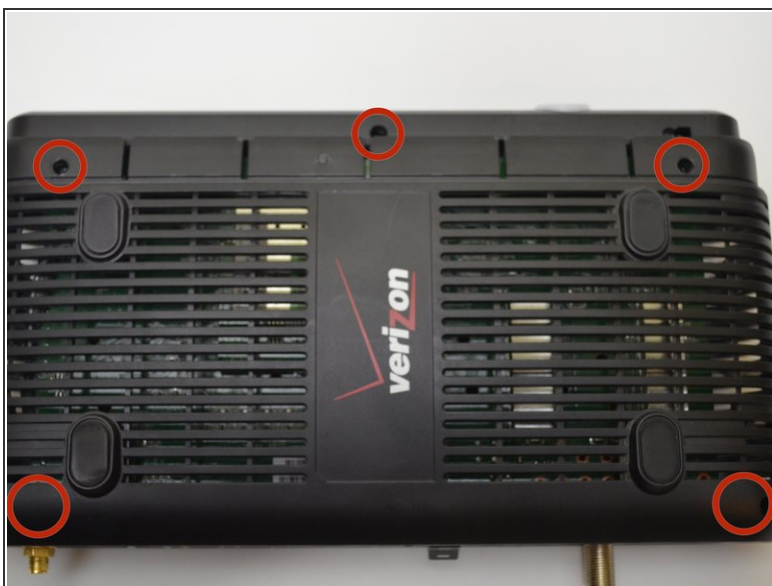
- Flip the device so that the bottom is facing up.

Step 2



- Insert the plastic-opening tool under the silver labeled casing.
- Carefully pry at different intervals around the silver labeled casing to separate the silver casing from the top and bottom casing.

Step 3



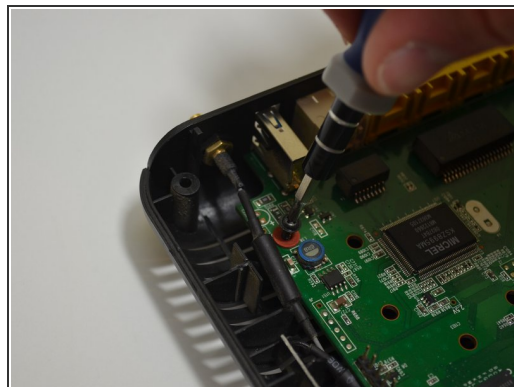
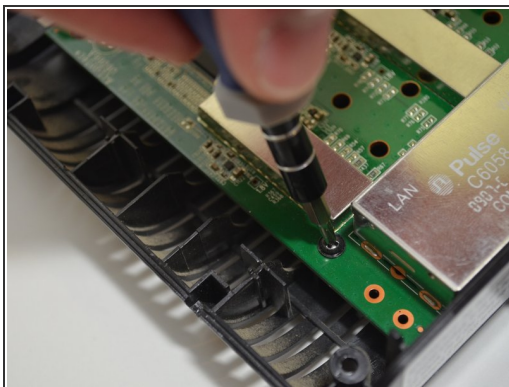
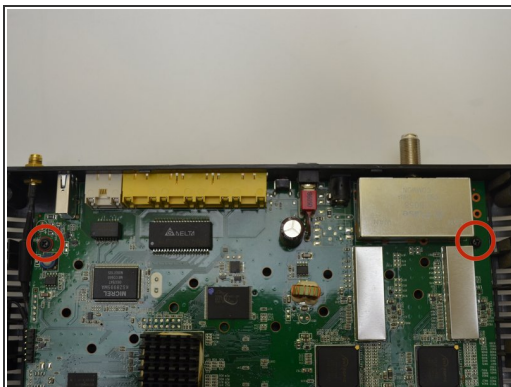
- Unscrew the five 10-mm screws on the bottom of the router using a Phillips #0 screwdriver.

Step 4



- Use a plastic-opening tool and pry the top casing from the bottom casing to expose the circuit board in the bottom half of the device.

Step 5



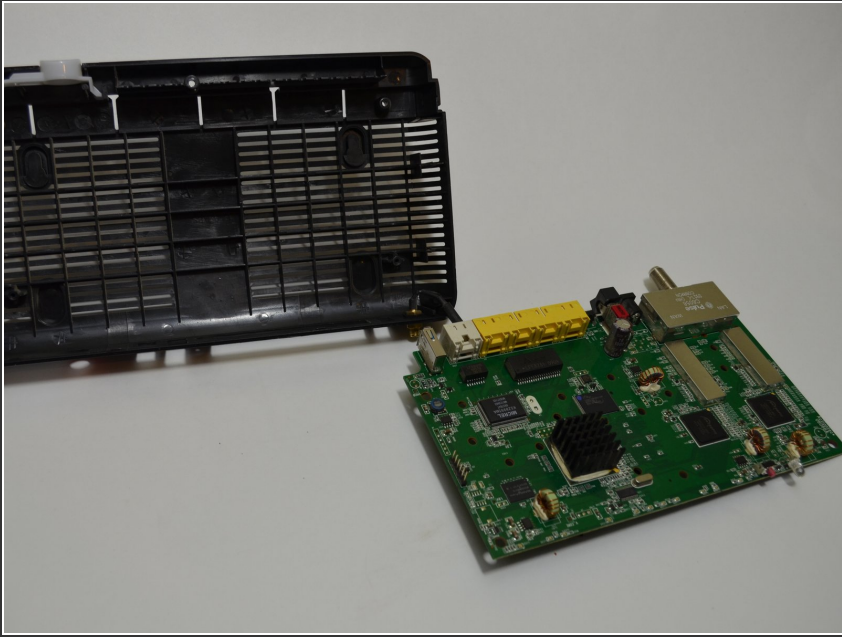
- Locate the two 10-mm screws on either side of the circuit board.
- Unscrew the two 10-mm screws using a Phillips #0 screwdriver.
- ⓘ Keep track of the red rubber washer you remove from underneath one of the screws.

Step 6



- Lift the front of the circuit board up from the bottom casing.

Step 7



- Pull the circuit board towards you until it is separate from the bottom casing.

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