



iMac G5 17" Model A1144 AirPort/Bluetooth Board Replacement

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INTRODUCTION

Regain wireless connectivity by replacing your broken AirPort/Bluetooth board.

TOOLS:

- [Phillips #1 Screwdriver \(1\)](#)
- [Plastic Cards \(1\)](#)
- [Spudger \(1\)](#)
- [T10 Torx Screwdriver \(1\)](#)
- [T6 Torx Screwdriver \(1\)](#)
- [T8 Torx Screwdriver \(1\)](#)

PARTS:

- [Mid/Late 2005 Airport/Bluetooth Board \(1\)](#)

Step 1 — Access Door



⚠ Before you work on the computer, unplug the computer and press the power button for 20-30 seconds to drain the stored energy in the power supply.

- Loosen the two Phillips screws securing the access door to your iMac.
- **i** These screws are captive in the access door.

Step 2



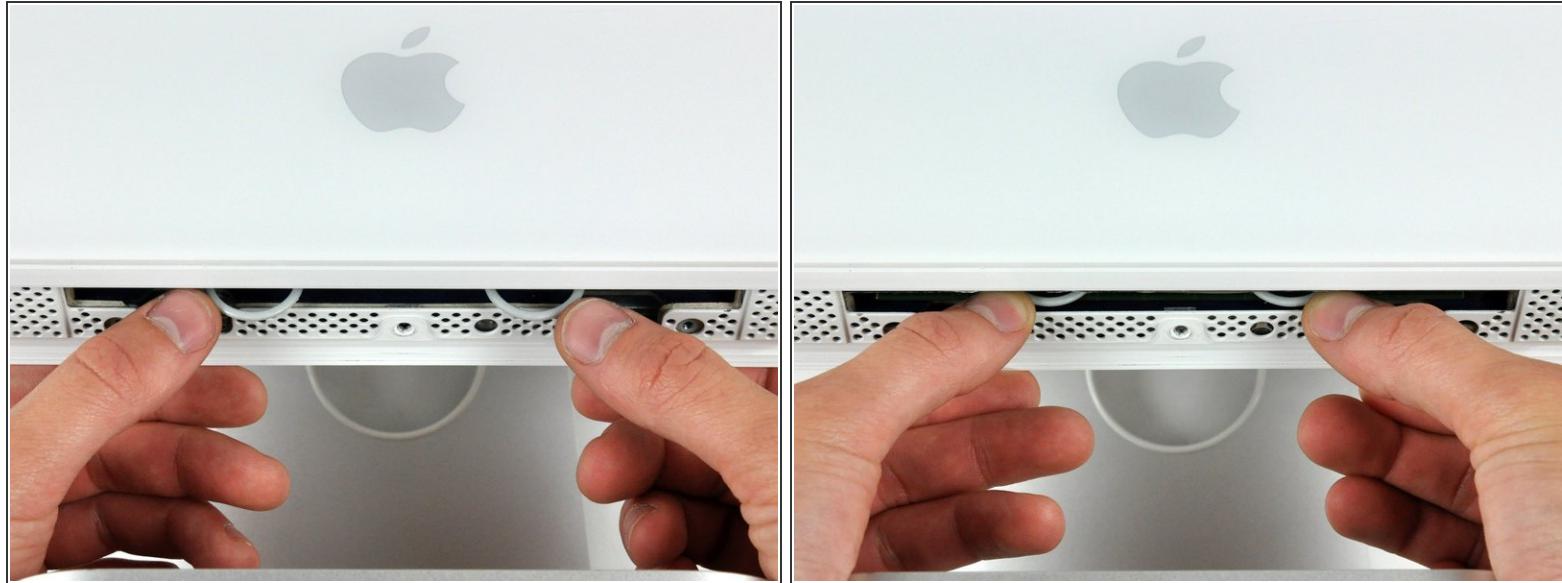
- Remove the access door from your iMac.

Step 3 — Front Bezel



- Remove the three T8 Torx screws securing the front bezel to the rear panel.

Step 4



(i) Orient the iMac face-up, on its backside.

- Use your thumbs to press both RAM arms in past the front bezel for enough clearance to lift it off the rear case.

Step 5



- While holding the RAM arms in with your thumbs, lift the lower edge of the front bezel enough to clear the rear case.

Step 6



(i) Re-orient your iMac so it sits upright on the stand.

- Insert a plastic card up into the corner of the air vent slot at the top of the rear case.
- Push the card toward the top of the iMac to release the front bezel latch.
- Pull the front bezel away from the rear case.
- Repeat this process for the other side of the front bezel.

(i) It may be necessary to apply several layers of duct tape to the top of the access card to aid in releasing the latches.

(i) If the bezel refuses to release, try pressing the lower edge back onto the rear case and repeat this opening process.

Step 7



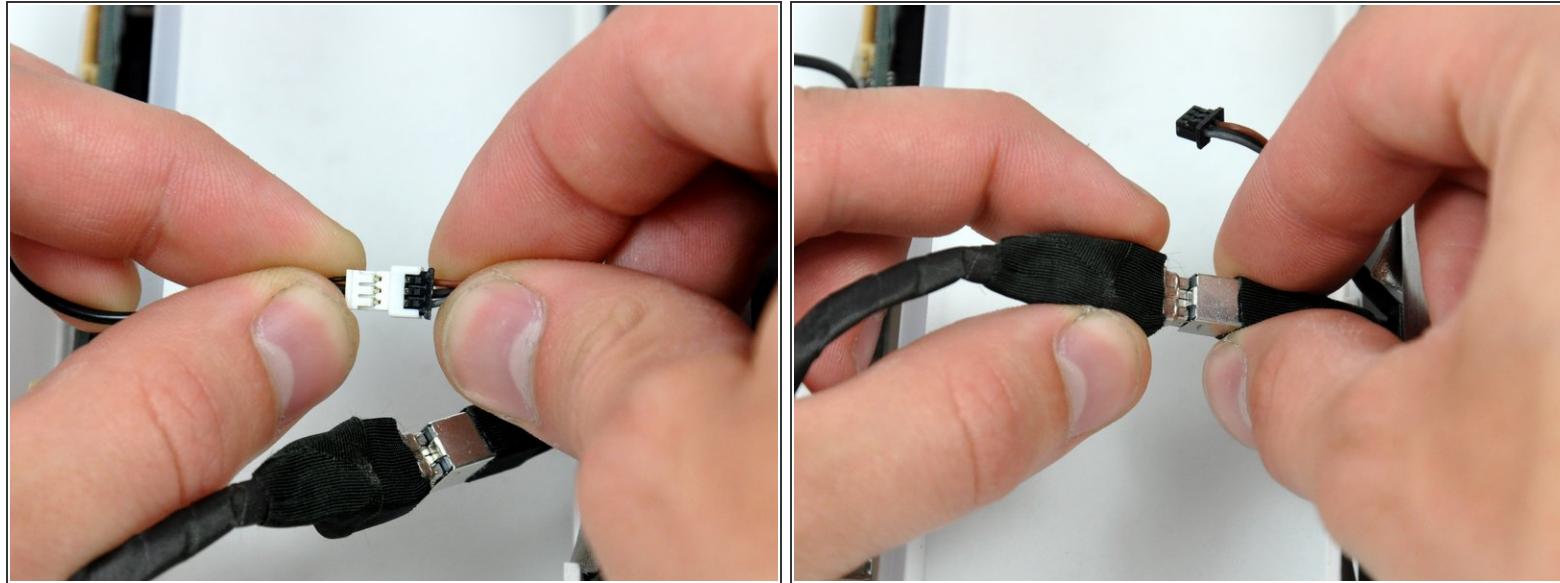
- Lay your iMac stand-side down on a table.
- Lift the front bezel from its lower edge and rotate it away from the rest of your iMac, minding the RAM arms that may get caught.
- Lay the front bezel above the rest of the iMac.

Step 8



- If necessary, remove the piece of kapton tape wrapped around the microphone and camera cables.

Step 9



- Disconnect both the camera and microphone cables.

Step 10 — AirPort/Bluetooth Board

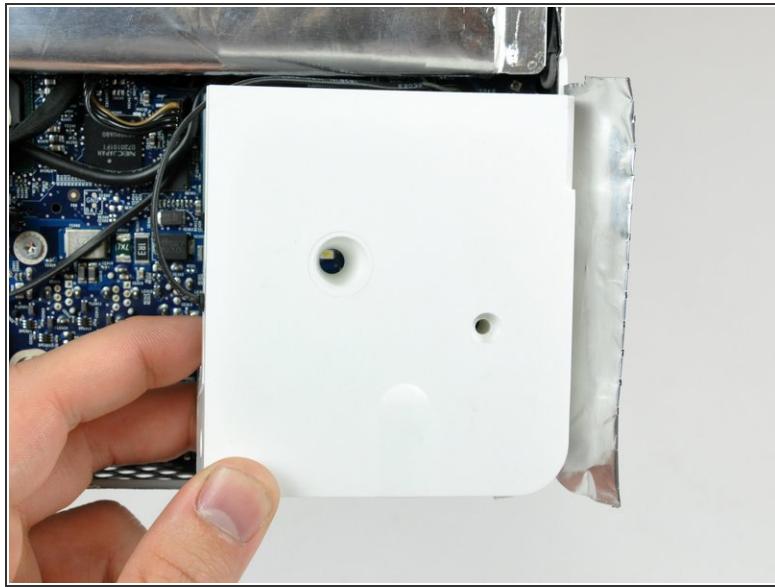


- Peel back the aluminum EMI shield up off the lower three edges of the rear case.

(i) It is not necessary to peel the EMI shield off the display.

(i) We found it helpful to tape the EMI shield up against the display to keep it out of the way.

Step 11



- Remove the single T10 Torx screw securing the right speaker to the rear case.
- Pull the rear speaker out of the rear case, and move it out of the way.

(i) It is not necessary to disconnect the right speaker.

Step 12



- Remove the two T6 Torx screws securing the AirPort/Bluetooth board to the logic board.
- Lift the AirPort/Bluetooth board up from its left edge to separate it from its socket on the logic board.

⚠ Lift the AirPort/Bluetooth board from its left edge **only**. Trying to lift from its right edge may break the socket off the logic board.

Step 13



- Use the flat end of a spudger to pry the AirPort and Bluetooth antenna connectors up off the AirPort/Bluetooth board.

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