



Mac mini Late 2012 Fan Replacement

Remove the Mac mini's single fan.

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INTRODUCTION

Use this guide to replace a noisy or worn-out fan.

TOOLS:

- T6 Torx Screwdriver (1)

PARTS:

- Intel Mac mini (Mid 2011-Late2012) Fan (1)

Step 1 — Bottom Cover



- Place your thumbs in the depressions cut into the bottom cover.
- Rotate the bottom cover counter-clockwise until the white dot painted on the bottom cover is aligned with the ring inscribed on the outer case.
- *(i)* You do not need to apply much downward pressure while turning.

Step 2



- Tilt the mini enough to allow the bottom cover to fall away from the outer case.
- Remove the bottom cover and set it aside.

Step 3 — Fan



- Remove the two 11.3 mm T6 Torx screws securing the fan to the logic board near the antenna plate.

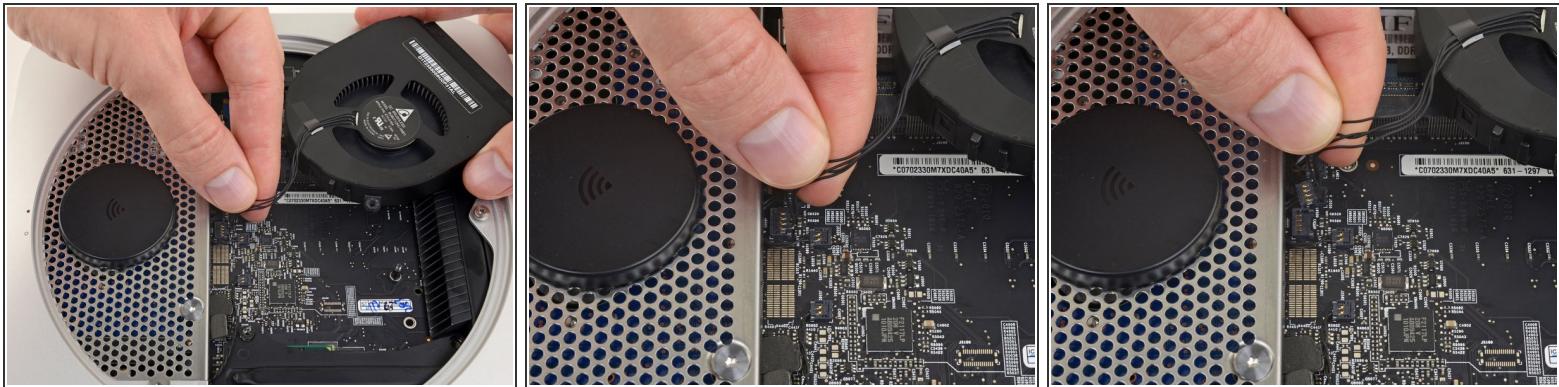
Step 4



- Lift the ear of the fan nearest the RAM up off the standoff secured to the outer case.

Removing the standoff screw is not necessary to remove the fan. You need only raise the fan enough to lift it off the standoff screw.

Step 5



- Lift the fan out of the mini for enough clearance to access its connector.
- Grab all the wires at once and gently pull straight up to disconnect the fan from the logic board.
 **Do not** pry at the socket, or you may rip it from the logic board.
- Remove the fan.

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