ASUS Portable AiO PT2001 Heat Sink and Fan Replacement
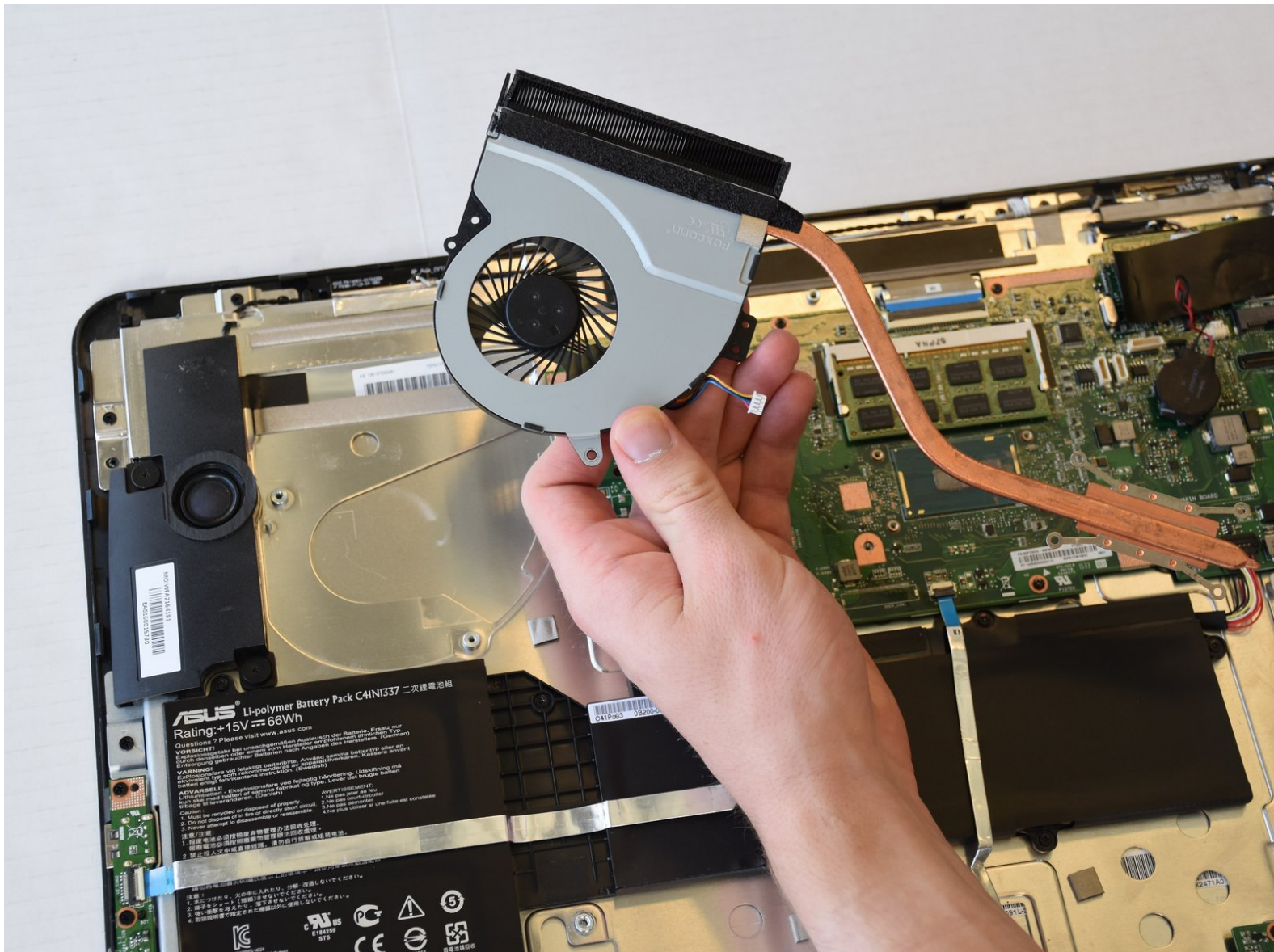
How to replace the heat sink and fan in the ASUS Portable AiO PT2001.

Written By: Elliot Kane

This document was generated on 2020-11-28 06:46:35 AM (MST).

INTRODUCTION

This guide will walk you through the steps necessary to replace the heat sink and fan assembly in the ASUS Portable AiO PT2001. No special skills are required.
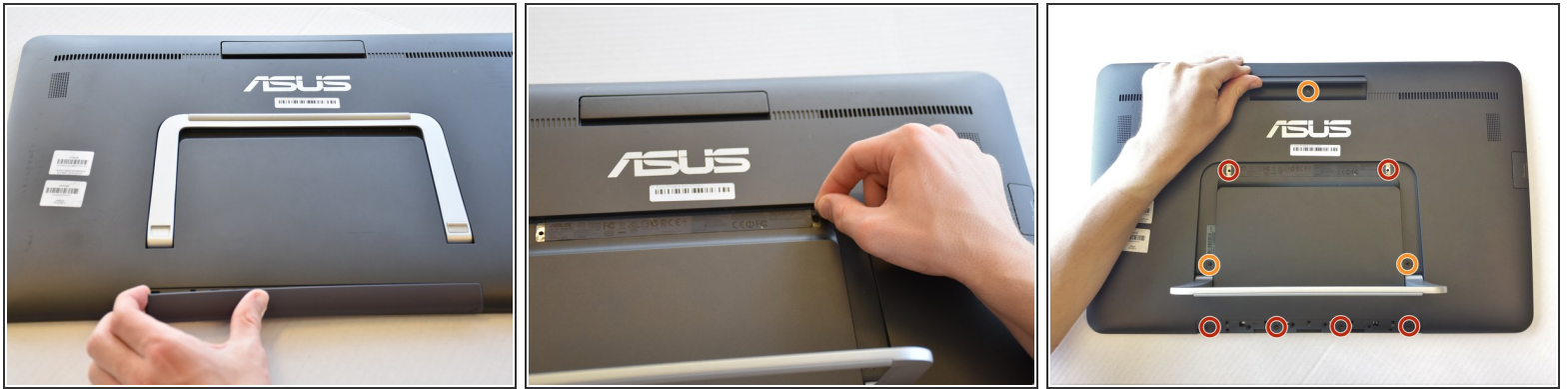
The only tool you need is a Phillips screwdriver.

🔧 TOOLS:

- Spudger (1)
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (2)

At least one wide plastic opening tool.

This document was generated on 2020-11-28 06:46:35 AM (MST).

Step 1 — Back Panel

- Remove the grey scuff guard at the bottom of the PC by pressing down on it, and pulling it away.

- Lift the hinge and remove the grey rubber tabs on either side of the PC's model information.

- Remove the two 7.62mm Phillips #1 screws beneath the rubber tabs under the hinge and the four 7.62mm Phillips #1 screws where the scuff guard was removed.

- Remove the two 4.74mm Phillips #1 screws under the hinge (near the hinge joints) and a 4.74mm Phillips #1 screw under the handle.
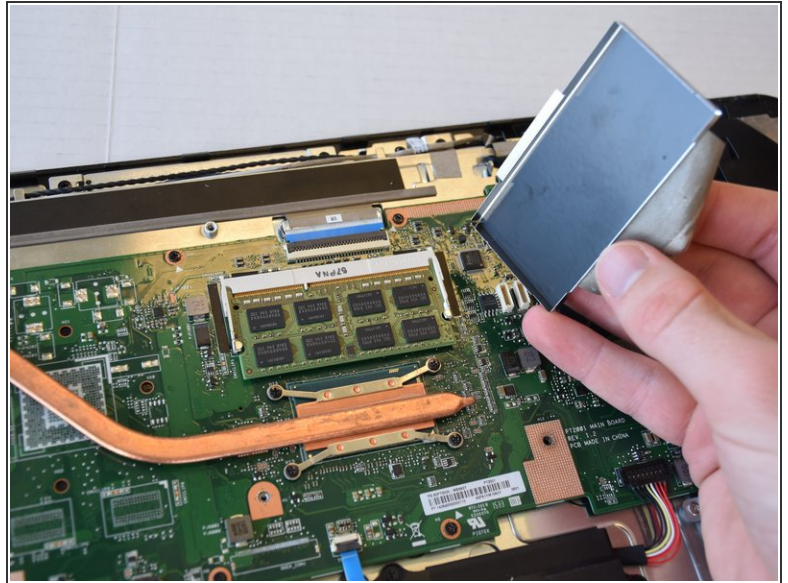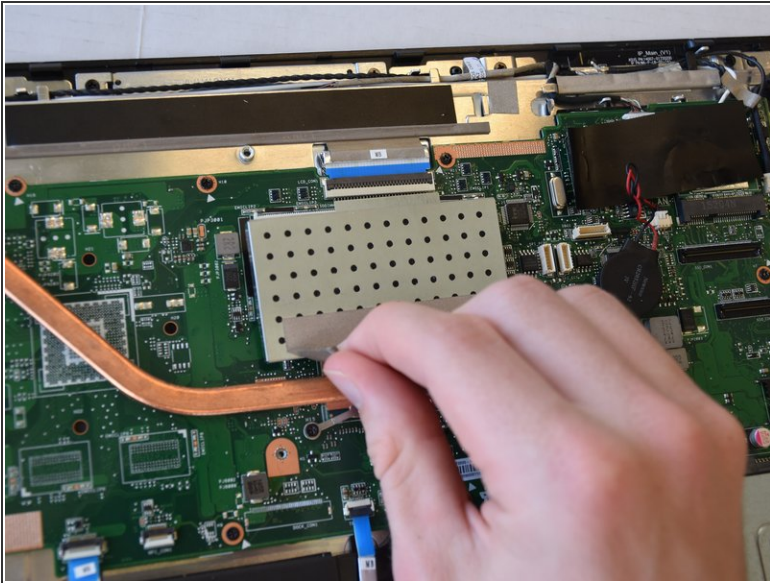
www.iFixit.com

Step 2

- Use 1-2 plastic opening tools or nylon spudgers to firmly pry open the back panel.

- (i) We recommend that you start prying the panel where the scuff guard was removed.

- (i) Prying the back panel will cause loud popping noises. This is just the sound of the clips that hold the back panel to the PC popping off.

- ⚠ Using excess force while prying can break the clips that hold the back panel and can damage the ports on the side of the PC.
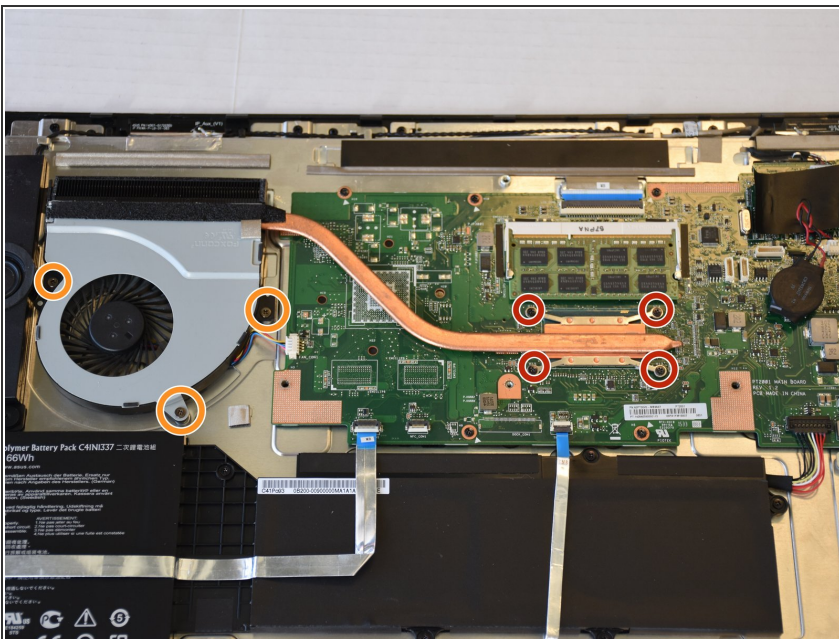
Step 3

- Disconnect the three cables connecting the back panel ports to the motherboard.

- Flip up the locking latch holding the two ribbon cables with a plastic opening tool and pull the cables out.

- Gently wiggle the third connector out of its socket.

This document was generated on 2020-11-28 06:46:35 AM (MST).
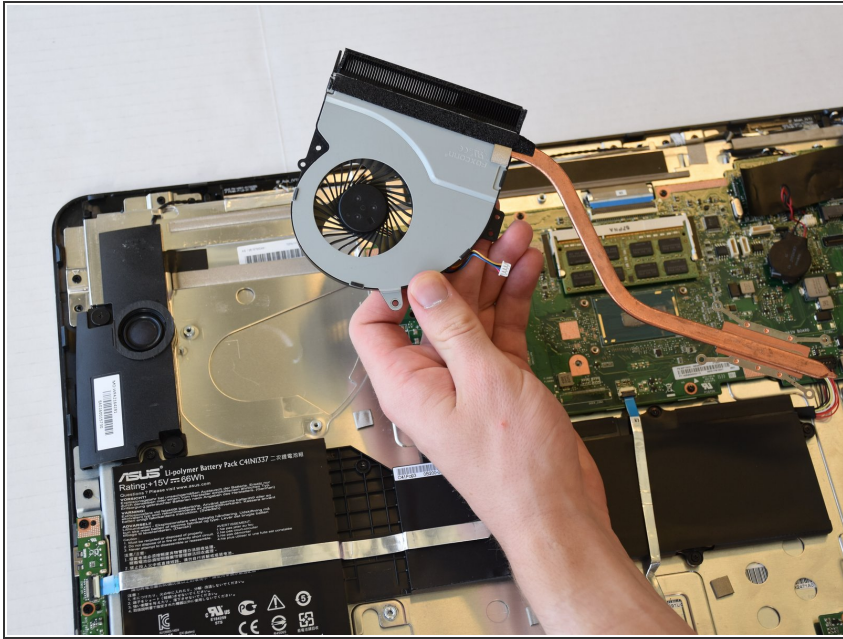
Step 4 — Heat Sink and Fan

- Remove the tape attached to the heat sink and the metal enclosure.

- Lift the metal enclosure off.

Step 5

- Remove the four 3.0 mm Phillips #1 screws attaching the heat sink to the motherboard.

- Remove the three 4.0 mm Phillips #1 screws connecting the fan to the device.

This document was generated on 2020-11-28 06:46:35 AM (MST).

Step 6

- Lift the heat sink and fan assembly off of the device.

- When putting the heat sink back into place, reapply thermal paste to the underside of the heat sink where it rests on the motherboard.

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

www.iFixit.com