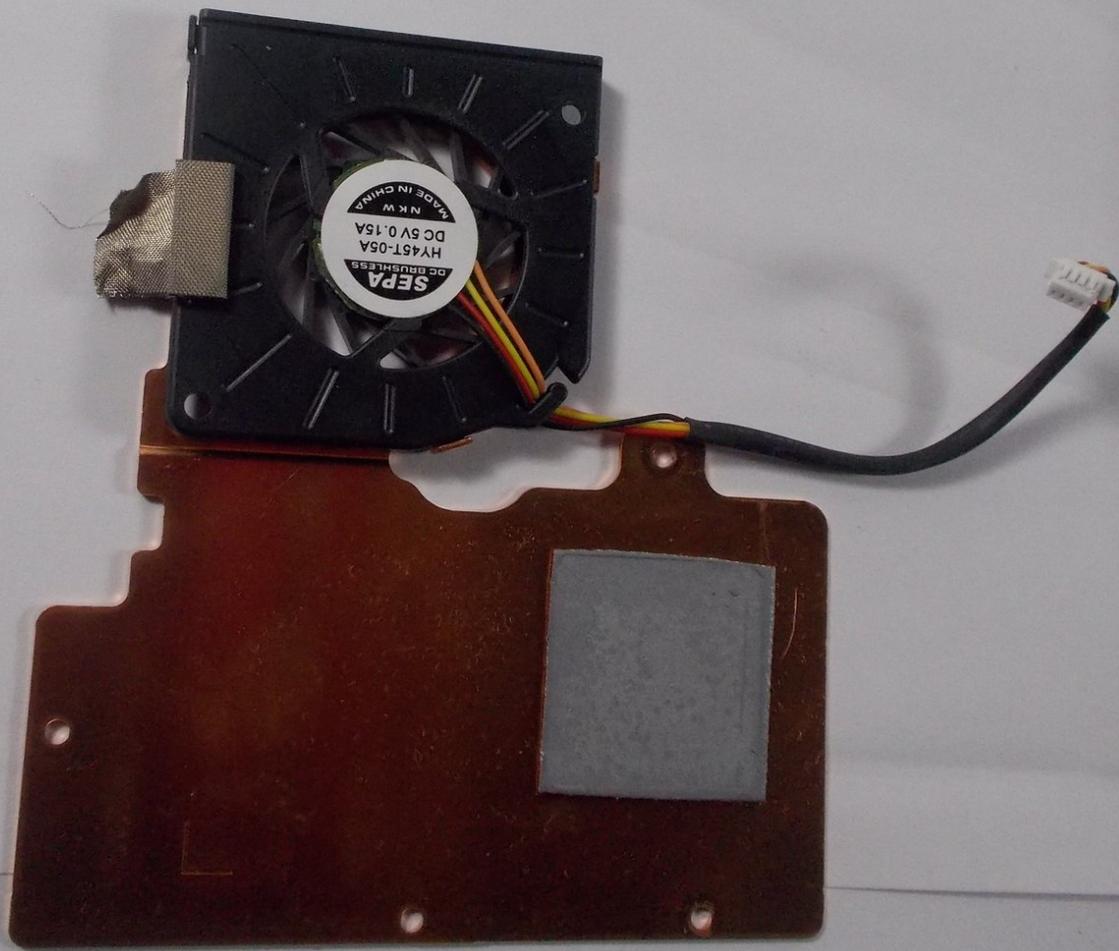




# ExoPC Slate CPU Fan Replacement

This guide outlines the steps required to remove the fan on the ExoPC.

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## INTRODUCTION

The fan and heat sink are components that prevent the device from overheating. The heat sink is usually made out of a thermal conducting metal such as copper or aluminum. Internally the fan has ball bearing that rotate and reduce friction. Over time these ball bearings can fail causing noise and eventual cause the fan to stop working.

### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)

### PARTS:

- [ExoPC Cpu Fan](#) (1)
- [High Content Rubbing Alcohol](#) (1)
- [Arctic Silver Thermal Paste](#) (1)

## Step 1 — Back Cover and Shield



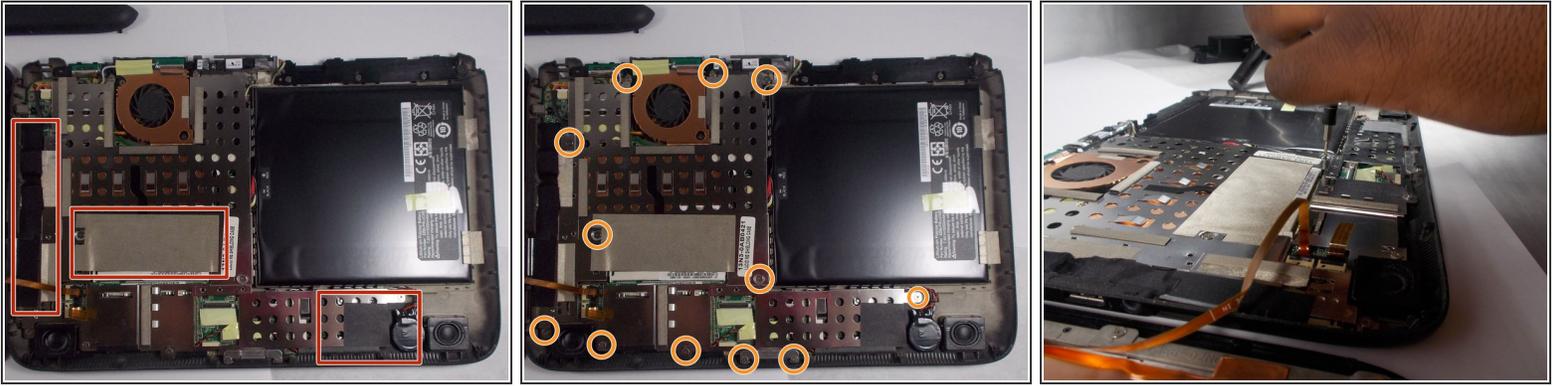
- Turn the PC on its back with the screen facing down and pull on the piece of plastic shown in the image. Use your fingernails to prod into the depression where the two plastic covers meet.

## Step 2



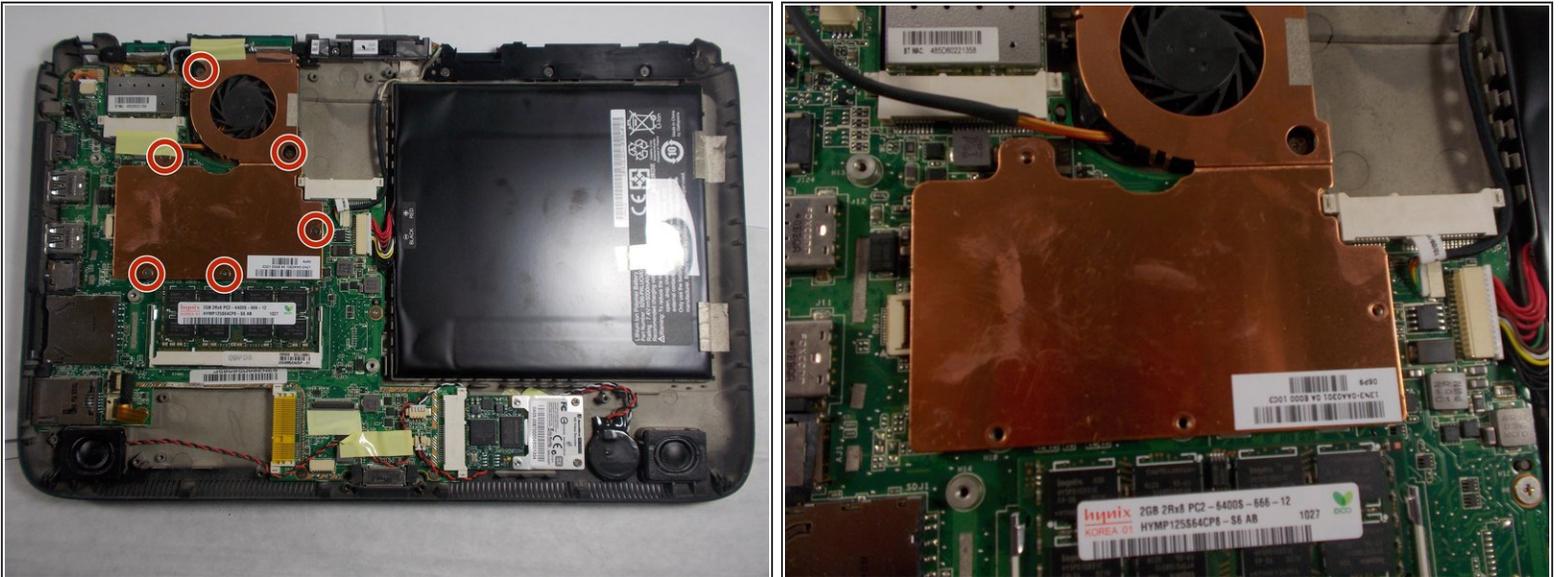
- Using the 00 Phillips screwdriver remove the two screws in the corners.
  - Using your left hand pull at the exposed section of the PC while simultaneously pushing the right with the thumb of your other hand. This will release the plastic clips allowing back cover to slide off, as shown from the picture
- ⚠ When removing the back cover make sure that the ribbon connectors going to the screen are not damaged. Carefully fold over the cover like a book.

### Step 3



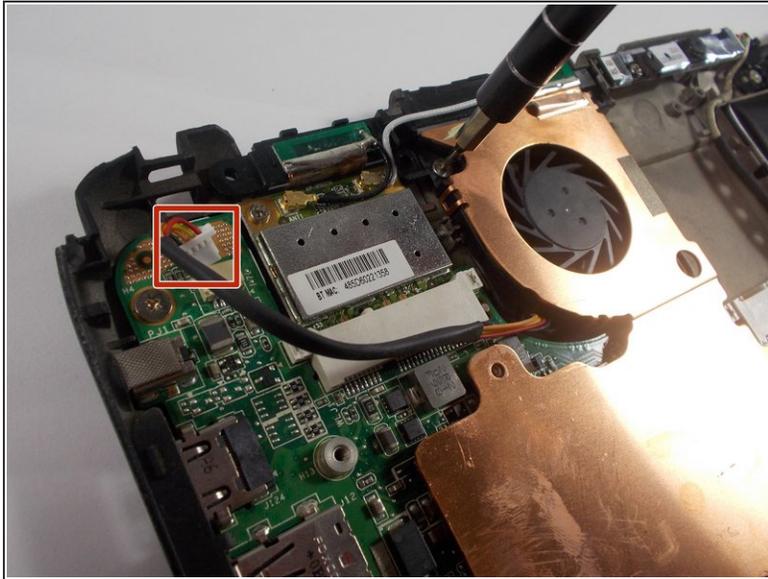
- Remove the tape covering the metal shield.
- Remove the 12 screws using the Phillips #00 screwdriver.
- Dislodge the shield by pulling the prongs away from underneath the battery. The shield should come completely off.

### Step 4 — CPU Fan



- Remove the yellow tape securing the wires to the PCB board as well as the silver/grey tape.
- Unscrew the six Phillips #00 screws.

## Step 5



- Using tweezers, disconnect the connector in the top left.
- Pull the fan heat sink away from the PC.
- Remove the fan from the copper heat sink with the tweezers by releasing the metal clips.
- ☞ Apply a sparing amount of thermal paste to each chip.
- ☞ Attach the new or cleaned fan to the heat sink using the metal clips. Line up the heat sink with the screw holes and press down firmly to spread out the thermal paste.

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