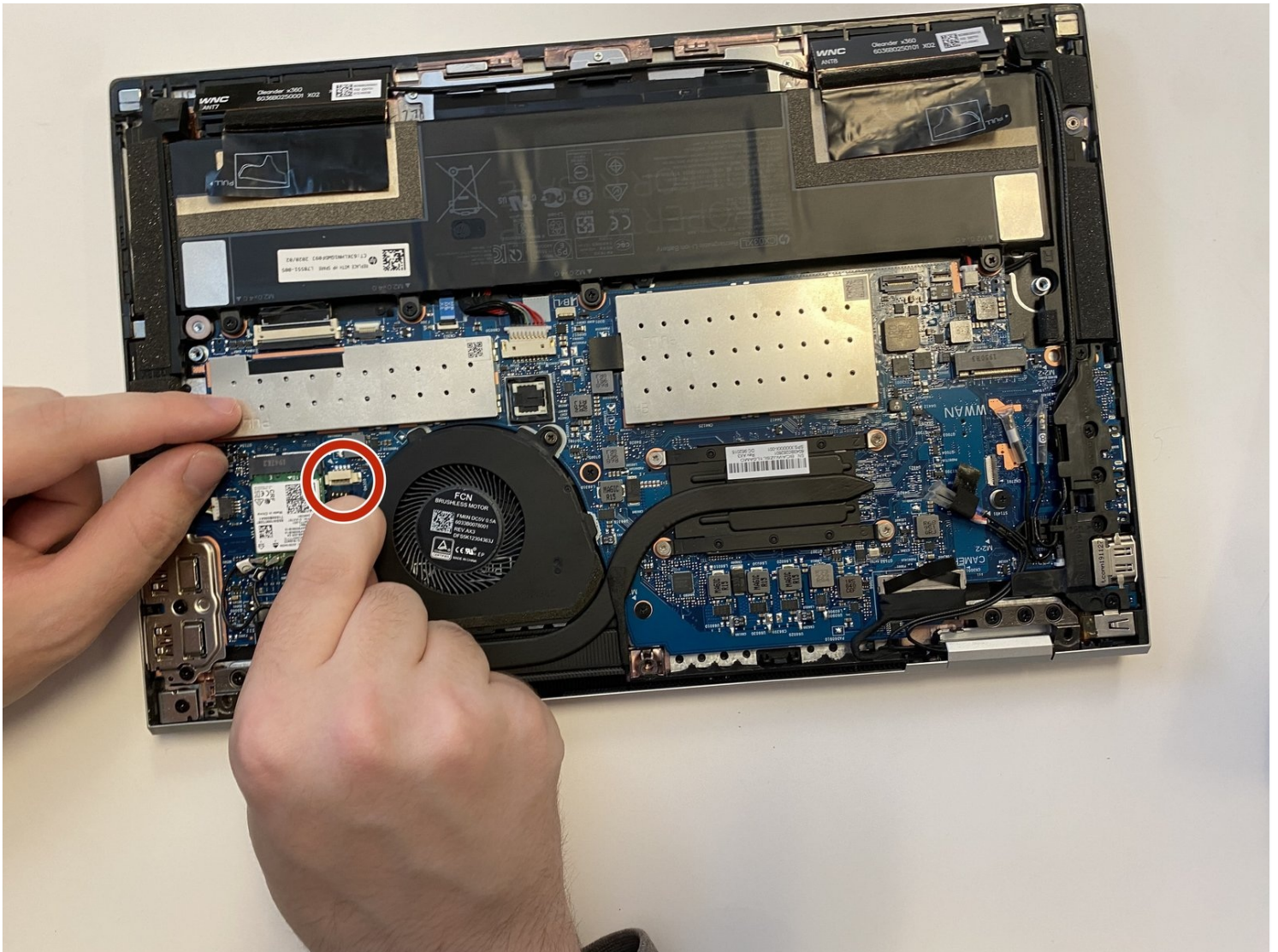




HP EliteBook x360 830 G7 Fan Replacement

This guide will help you remove the fan from an...

Written By: Taleb Tahous



INTRODUCTION

This guide will help you remove the fan from an HP EliteBook x360 830 G7. System fans are essential for the proper functioning and cooling of your laptop. However, after several operation cycles, system fans might die and thus will need replacing. Before you begin, remove the base cover, the battery, and the keyboard.

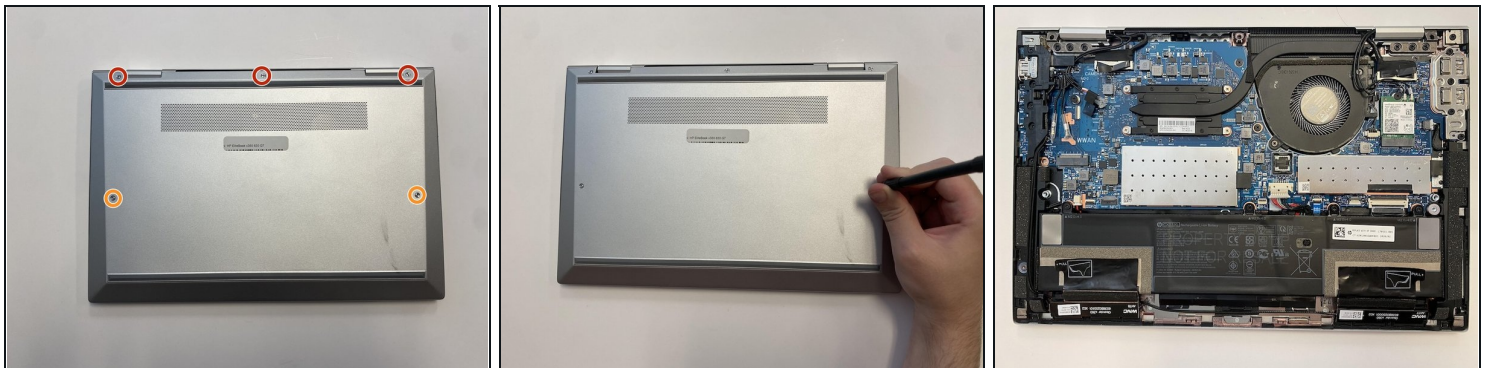
TOOLS:

Spudger (1)
T5 Torx Screwdriver (1)
JIS #1 (1)

PARTS:

Replacement fan HP EliteBook x360 830 G7 (1)

Step 1 — Remove the backplate



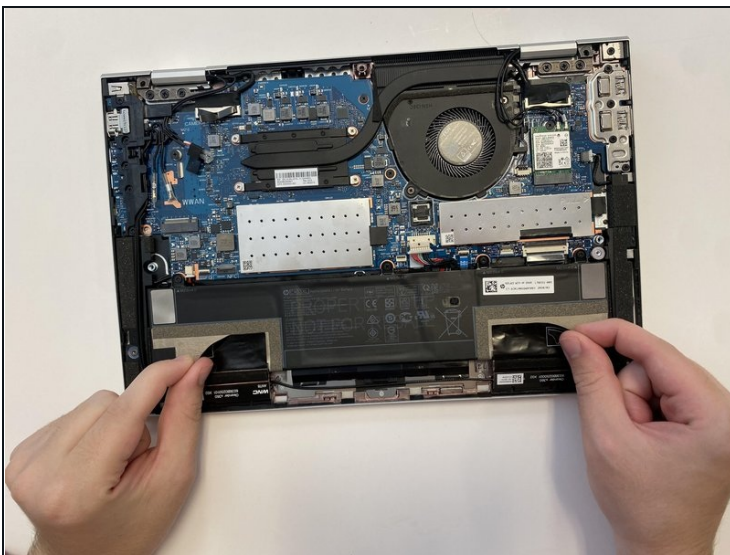
- Turn the computer over so that the back is facing up.
- Use a Torx T5 screwdriver to remove the three 9 mm screws from the hinge of the device.
- Use a Torx T5 screwdriver to remove the two 7 mm screws from the left and right mid-section of the case.
- Lift the backplate from the computer.

Step 2 — Disconnect the bundled cable connector



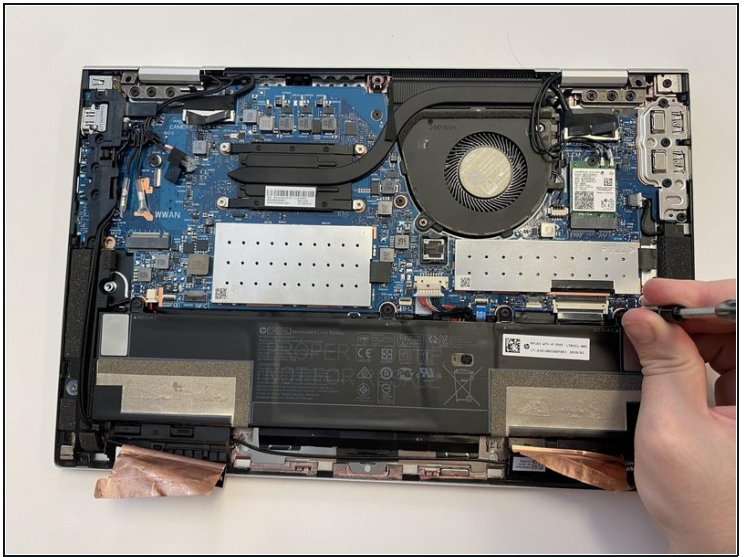
- Use a nylon spudger to gently disconnect the battery's bundled cable connector from the motherboard.
- ① This bundled cable connector has a tab on each side. Insert the spudger between these tabs and the motherboard's battery connector port and gently push the battery connector out and away from the connector.

Step 3 — Peel the copper foil tape



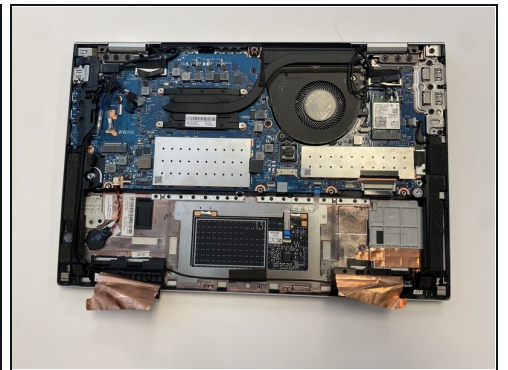
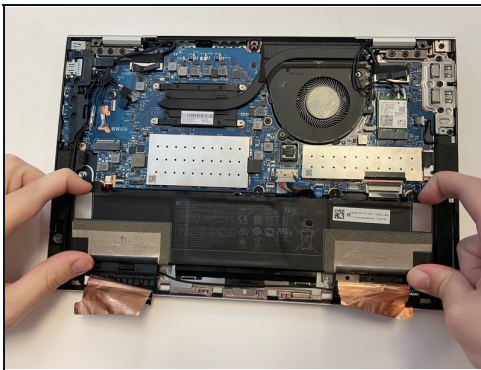
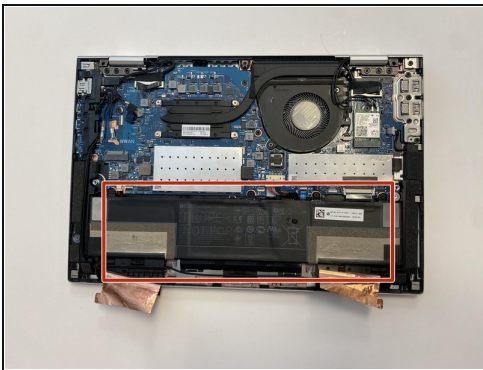
- Peel back both sides of the copper foil tape connected to the battery.

Step 4 — Remove the screws



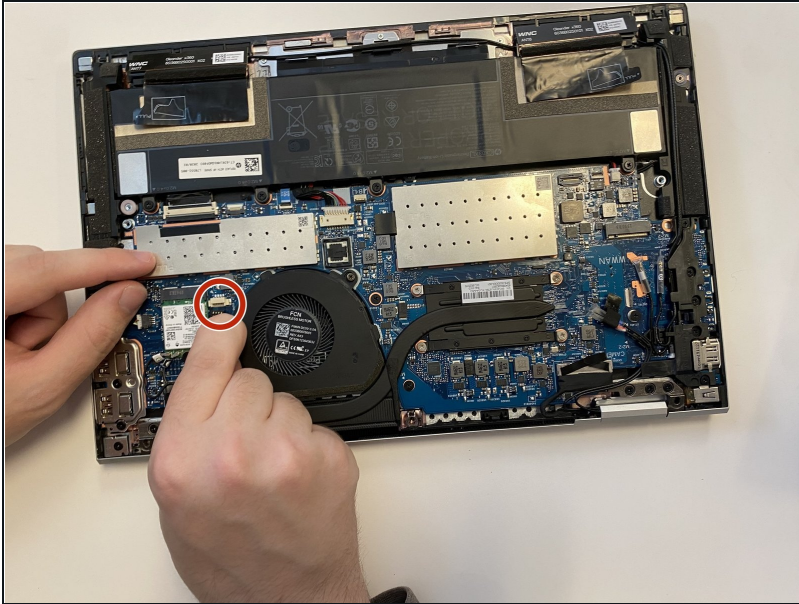
- Use a JIS #1 screwdriver to remove the four 4 mm screws that secure the battery.

Step 5 — Remove the battery



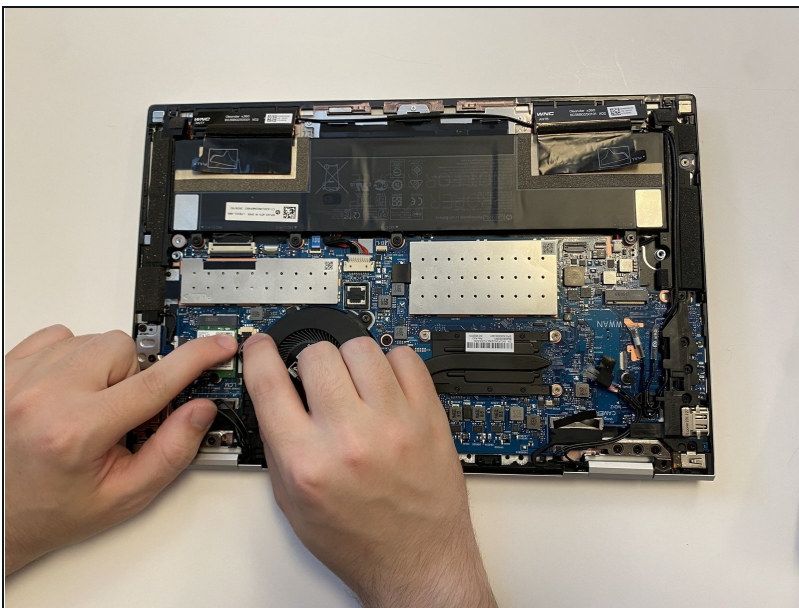
- You can now safely remove the battery from the laptop.

Step 6 — Display panel cable



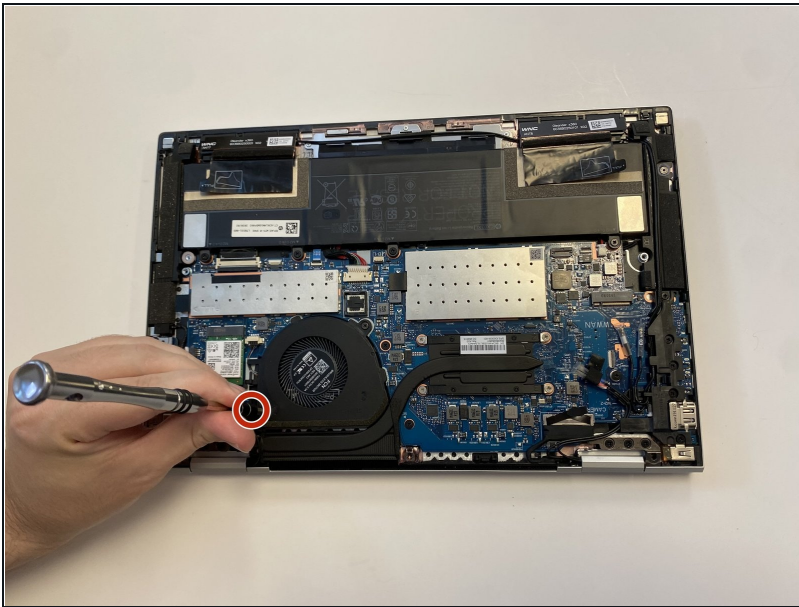
- Disconnect the display panel cable from its connector on the motherboard.

Step 7 — Necessities that help keep the fan in place



- Remove the display panel and the wireless antenna cables from the routing channels. Then, remove the retention tape from the system fan.

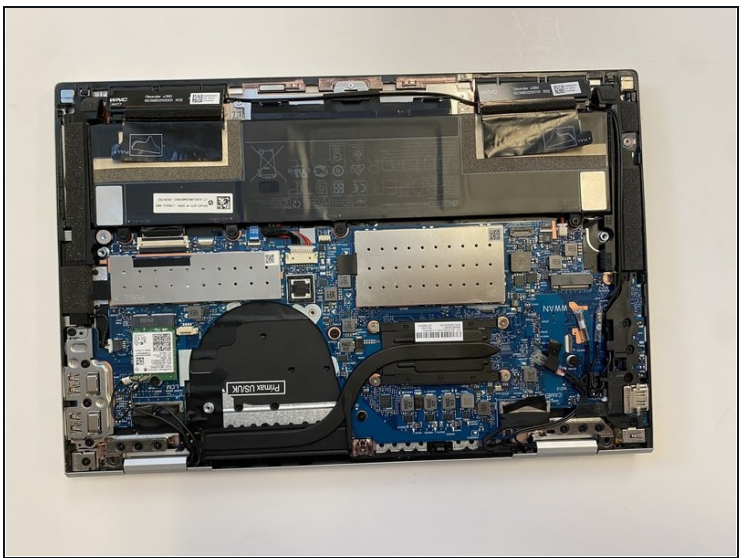
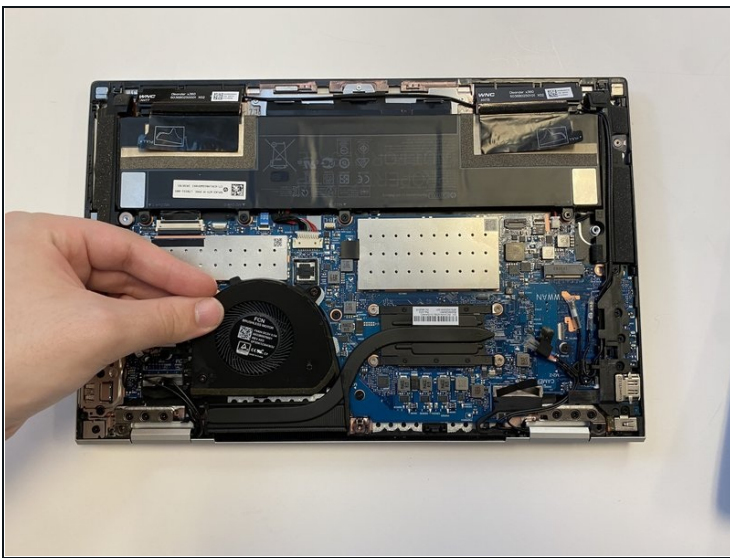
Step 8 — Loosen the screws



- Loosen the three P1 Phillips (0.4 cm) screws that secure the system fan to the motherboard.

 These screws are captive.

Step 9 — Remove the fan



- Once all of the connectors and screws that secure the fan in place have been removed successfully, you can safely remove the system fan from the motherboard.

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