



Acer Chromebook 14 CB3-431-C7EX Battery Replacement

This is a guide for removing/replacing the internal battery of the Acer Chromebook 14 CB3-431-C7EX.

Written By: Thomas Carling



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INTRODUCTION

If the Acer Chromebook 14 CB3-431-C7EX is malfunctioning due to the battery, use this guide to replace the internal battery.

The internal battery of the Acer Chromebook 14 allows the laptop to be operable while disconnected from the A/C charging cord. A faulty internal battery may cause the Acer Chromebook 14 to discharge faster than normal or have issues powering the device while disconnected from the charger.

Before buying a replacement battery, use the first two steps of the guide to ensure that the battery is properly connected within the laptop. You may be able to fix this issue by reconnecting a loose connector.

Before beginning, be sure to power down the laptop, and unplug from the external power source(s).

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)

PARTS:

- [Acer Chromebook C740/C720/C720P and CB3-431 Battery](#) (1)

Step 1 — Battery



- Use a Phillips #0 screwdriver to unscrew the eight 4mm screws.
- Use a Phillips #0 screwdriver to unscrew the two 7mm screws.
- ⓘ iFixit's magnetic project mat is great for keeping the screws organized.
- Remove the cover of the device by prying up from one of the edges with a spudger or plastic opening tool.
- ⓘ There are several clips holding the cover in place.
- ⓘ If the back cover is hard to remove, carefully use a metal spudger to remove the back cover.

Step 2



- Use a spudger to disconnect the battery's connector from the motherboard. The connector should slide out toward the battery.
- ⓘ Be sure to remove the connector evenly from the port.

Step 3



- Use a Phillips #0 screwdriver to unscrew the two 5.5mm screws from the battery housing.

Step 4



- While lifting the connector side of the battery, slide the battery towards the center of the laptop.
- ⓘ Be mindful of the tabs on the bottom of the battery housing (shown in picture). These need to be underneath slots when reinserting the battery back into the laptop.
- Remove the battery from the laptop.

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