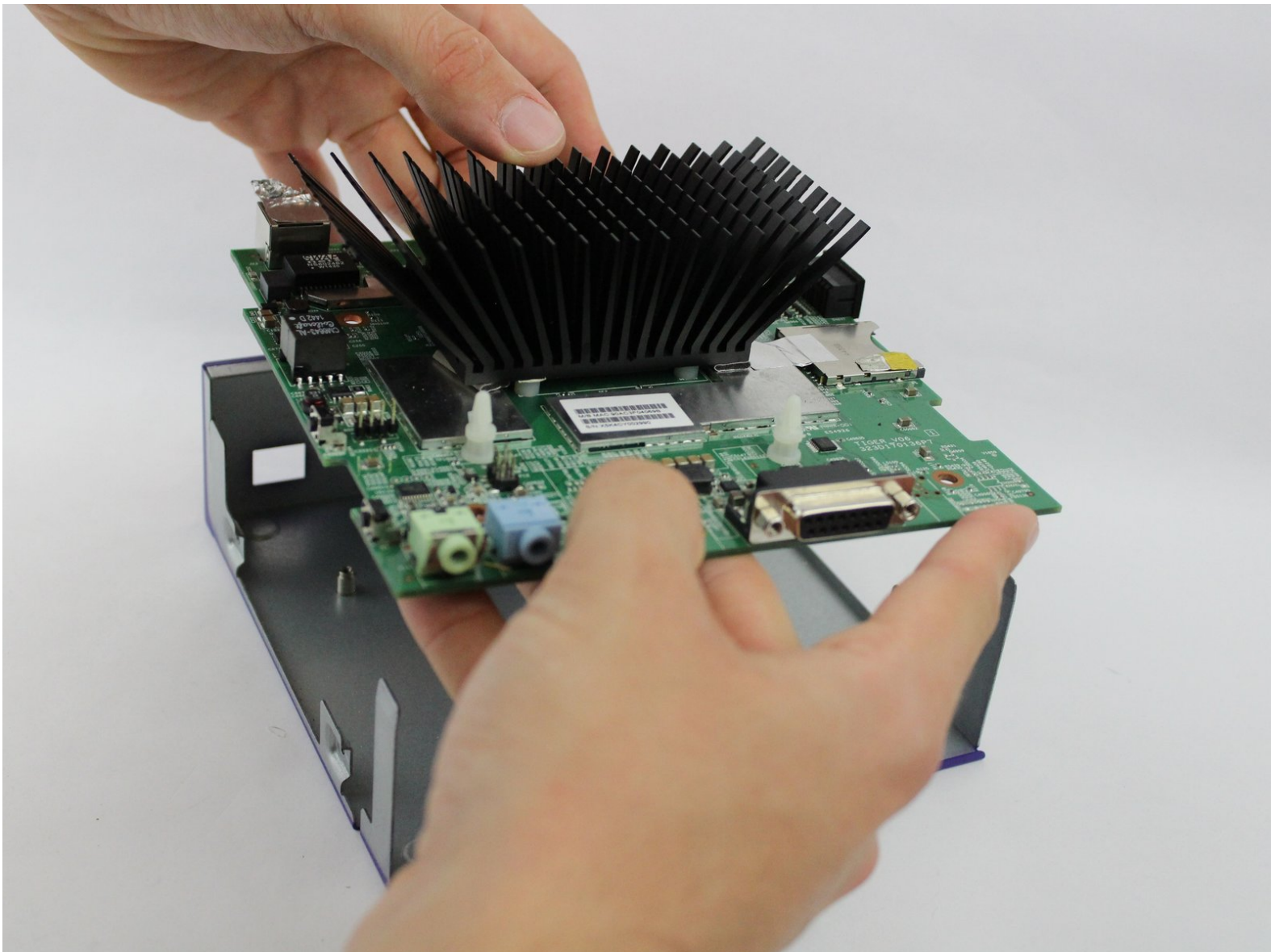




# Brightsign 4k Heat Sink Replacement

Device Overheating

Written By: Mattison Collins



---

## INTRODUCTION

The heat sink is essential in keeping your device internal temperatures low. This guide will show you how to remove and replace the heat sink.

---



### TOOLS:

- [54 Bit Driver Kit](#) (1)
  - [JIS #0 Screwdriver](#) (1)
-

## Step 1 — Outer Shell



- Remove three 8mm screws from the left side of the device.
- Remove four 8mm screws from the right side of the device.

## Step 2



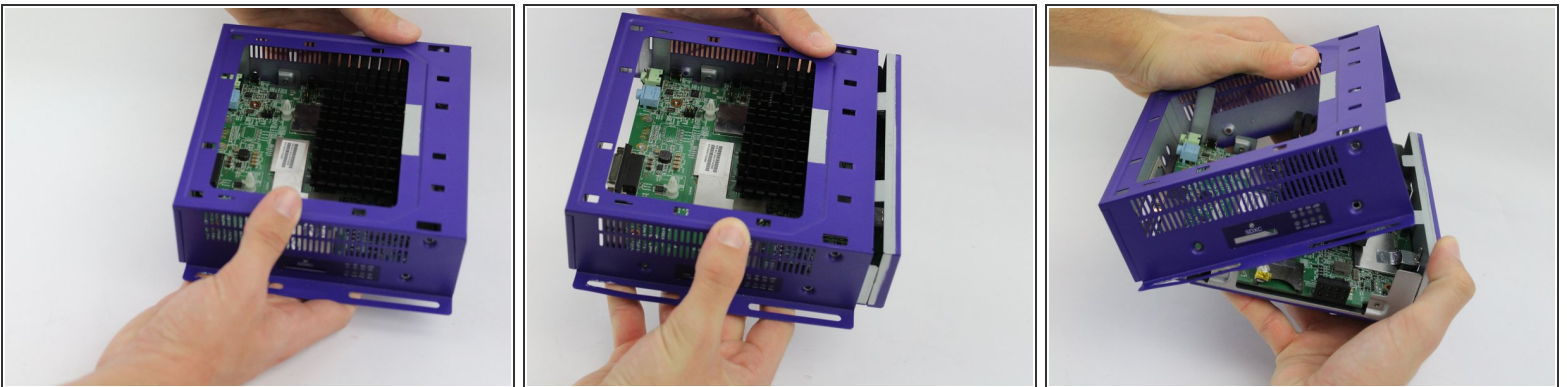
- Apply pressure on the SD card to pop it out of the port.
- Remove the card by pulling it out.

## Step 3



- Press down on the top cover of the device and slid it towards you until you see a slight gap created.
- Lift the top cover off.

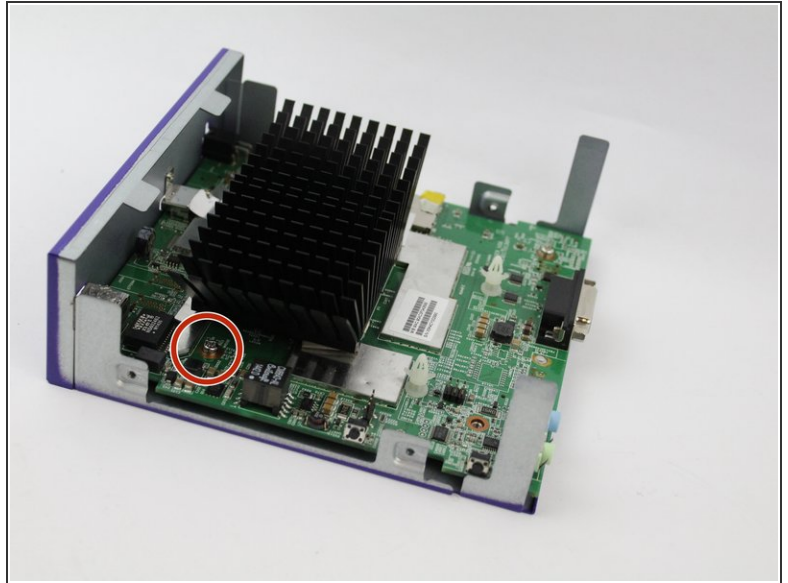
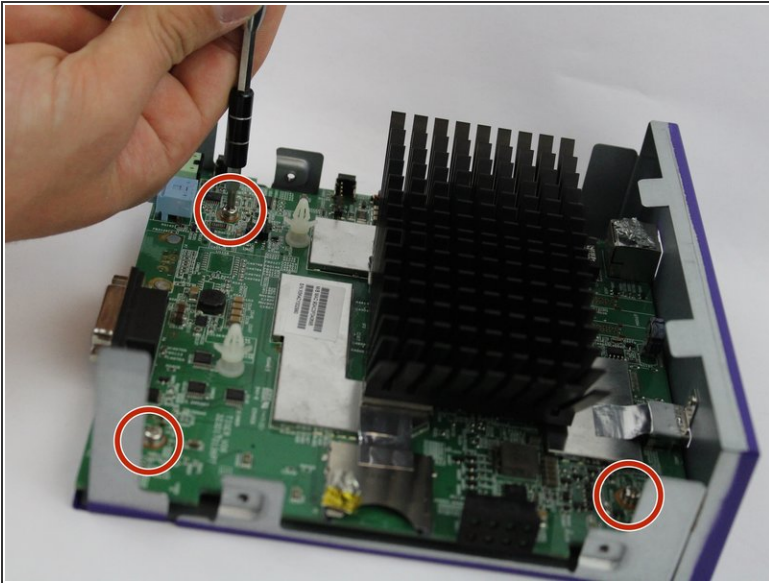
## Step 4



- Slide the body case back away from the bottom.
- Pull up the body case to remove it from the bottom.

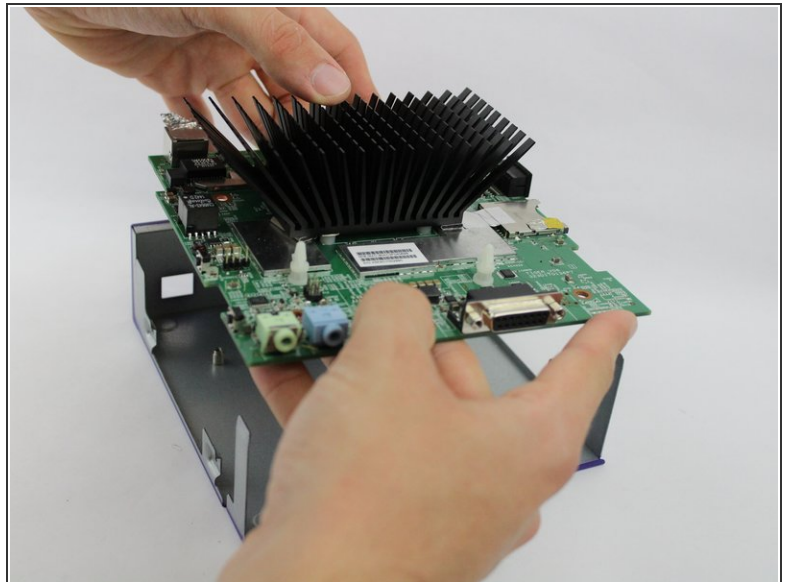
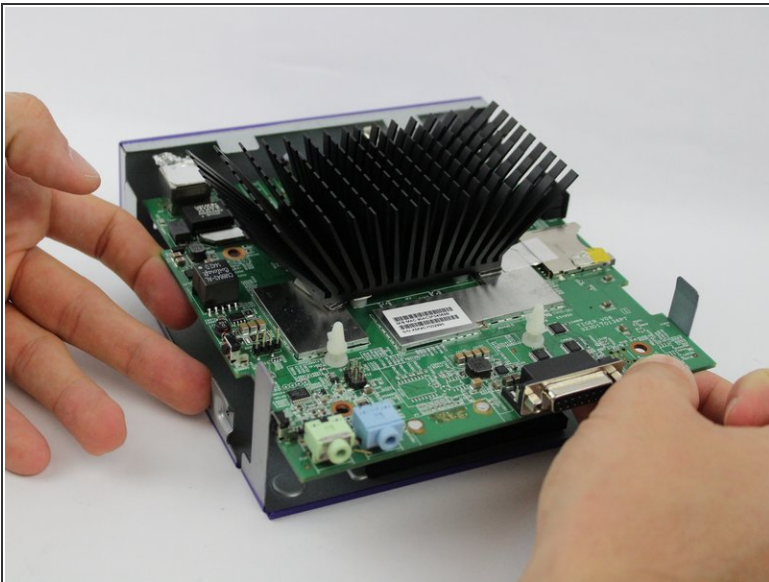


## Step 5 — Motherboard Removal



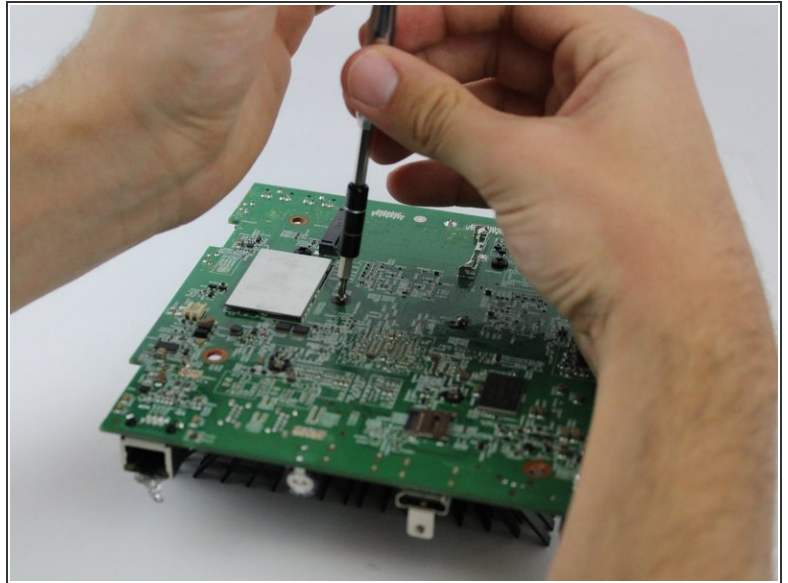
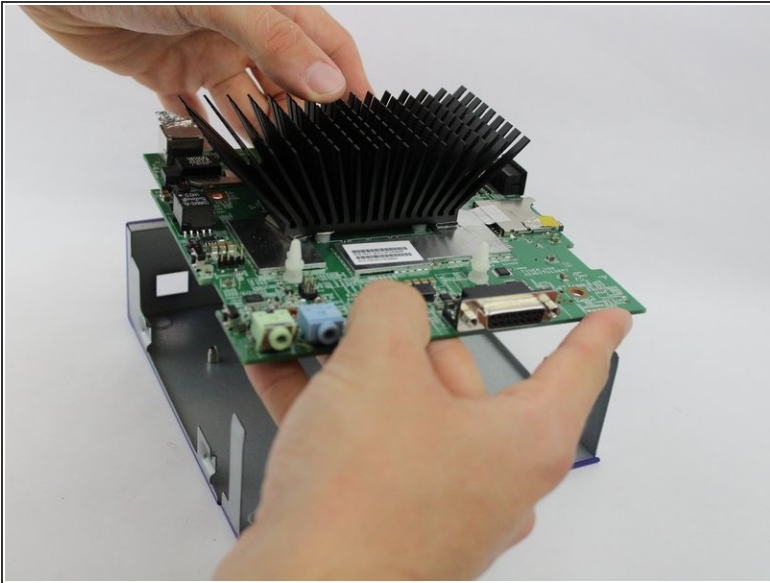
- Remove the four 8mm screws at each corner of the motherboard with a JIS #0 screwdriver.

## Step 6



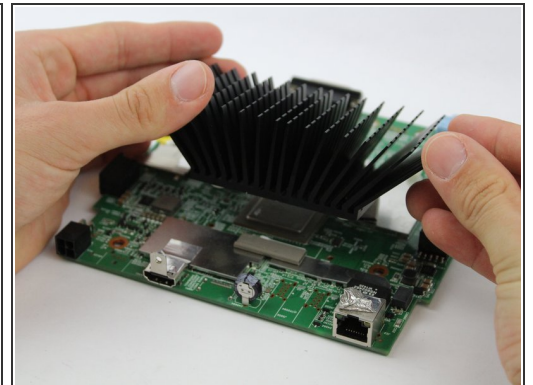
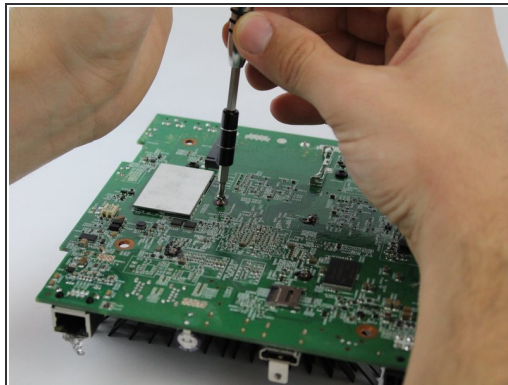
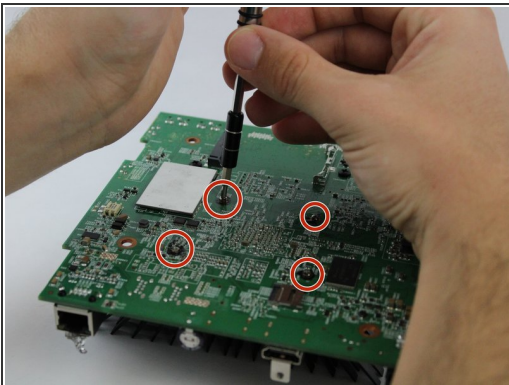
- Lift the motherboard out of the casing.

## Step 7 — Heat Sink



- Flip the motherboard upside down.

## Step 8



- Remove the black adhesive that covers the four screws.
- Remove the four screws.
- Flip the motherboard over and remove the heat sink by pulling up.

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