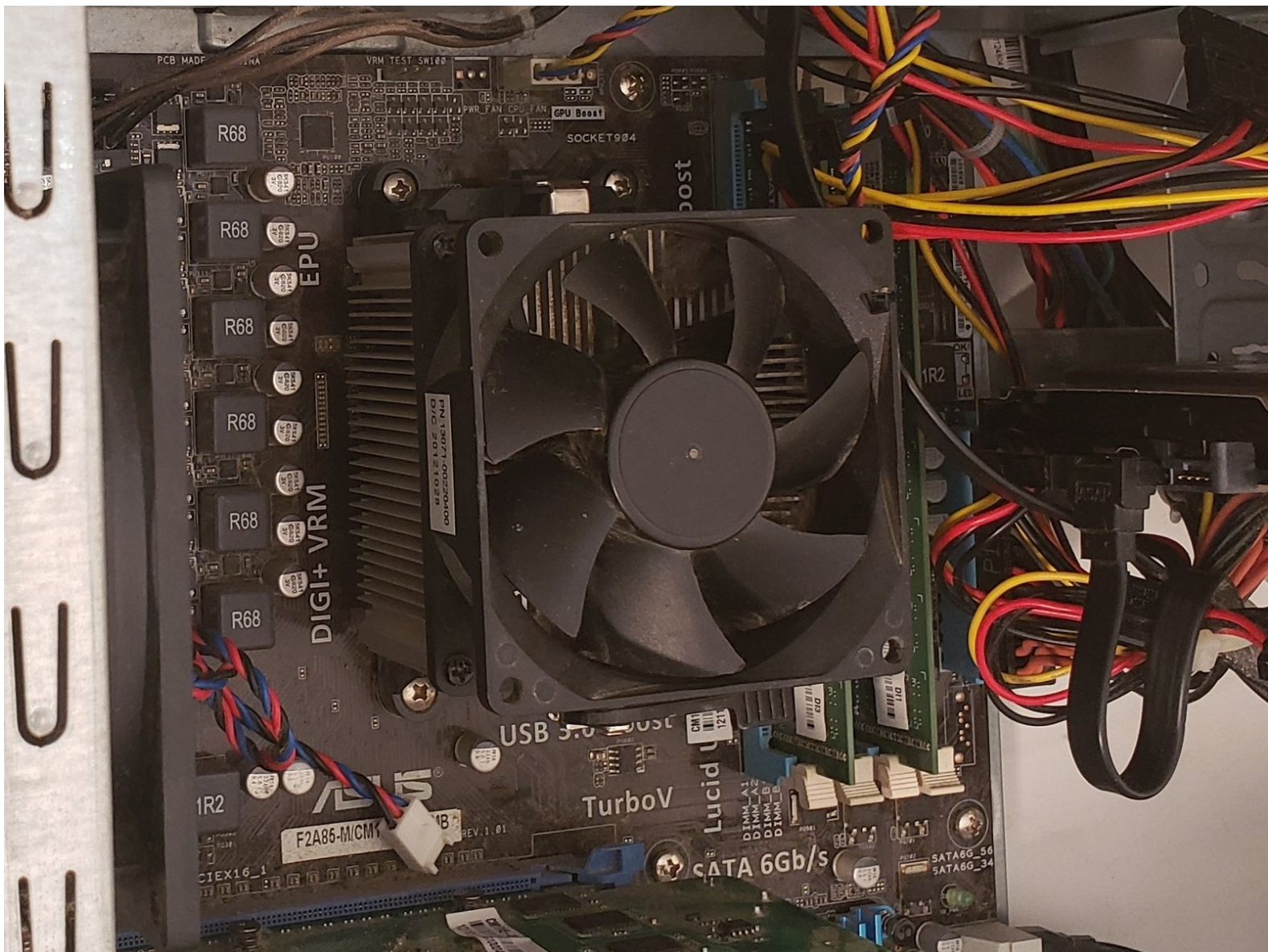




# Asus CM1745 Heatsink Replacement

Partial desktop teardown, replacement of CPU heatsink and CPU fan assembly, and reapplication of thermal compound.

Written By: TC Fowler



## INTRODUCTION

This replacement guide requires working on the internals of the desktop. This could void any remaining warranty.

This guide also requires close-proximity to exposed electronics. Please ensure that the PC is both powered off and disconnected from the wall.



### PARTS:

- [Asus Essentio CPU Heatsink](#) (1)
  - [Thermal Paste](#) (1)
-

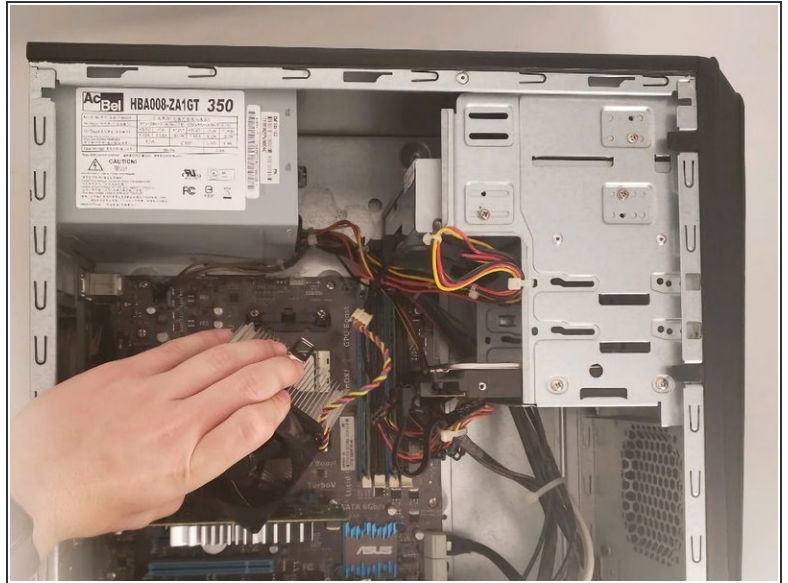
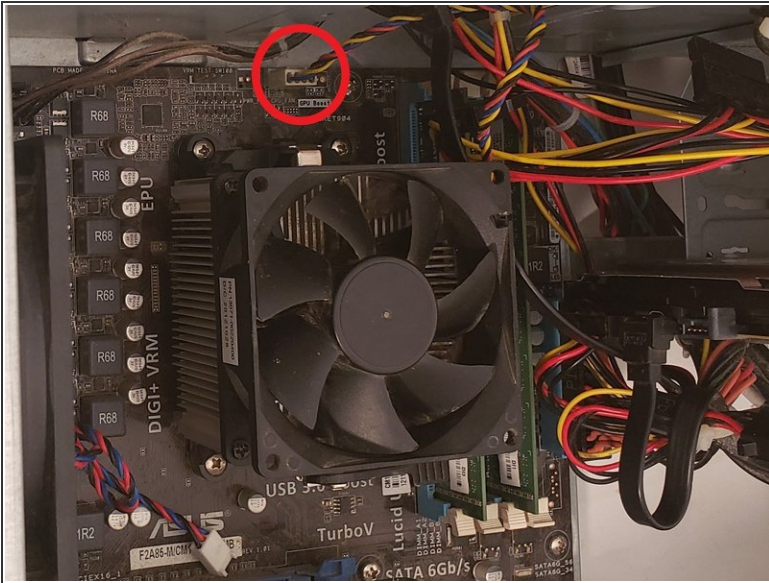
## Step 1 — Heatsink



- Remove the sidepanel by unscrewing the two screws fastening the panel on the rear. Once unscrewed, slide the panel towards the rear until it releases then lift away.



## Step 2



- Unplug the CPU fan connector from the motherboard.
- Then open the latch under the CPU fan and unhook the metal fasteners.
- Lift the CPU heatsink and cable off of the CPU carefully.

## Step 3



- Clean both the CPU top and the heatsink bottom by slightly moistening a paper towel with rubbing alcohol and rubbing lightly.
  - Grab your thermal paste and put a pea-sized amount in the middle of the CPU top.
  - Gently replace the heatsink on top of the CPU and re-lock the heatsink fasteners.
  - Replug the CPU Fan connector to the motherboard header.
- ⓘ Check out the [How to Apply Thermal Paste](#) guide for more details and best practices.

Replug the computer and turn it on. If the fan spins, reattach the sidepanels and the replacement is complete.