



Nvidia Shield TV 1st Generation Motherboard Replacement

In this guide we will teach you how to remove the motherboard. The motherboard is the main component that processes information and drives the device.

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INTRODUCTION

The motherboard is a crucial component to any electronic device. If it becomes corrupted it will not be able to receive, process, and send information which will leave you with a blank screen. Be careful when removing the heat sink from the motherboard as the thermal paste can be messy.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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Step 1 — Fan/Heat Sink



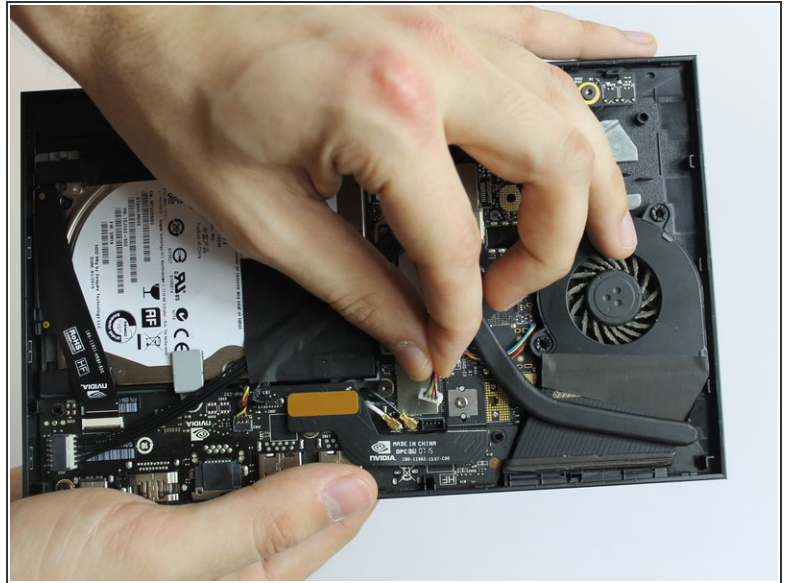
- Flip the device over and use a plastic opening tool to remove the bottom cover.

Step 2



- Remove the five screws using T6 Torx screwdriver.

Step 3



- Remove the power supply cord.

Step 4



- Gently pull the fan away from the edge of the device.

Step 5 — Motherboard



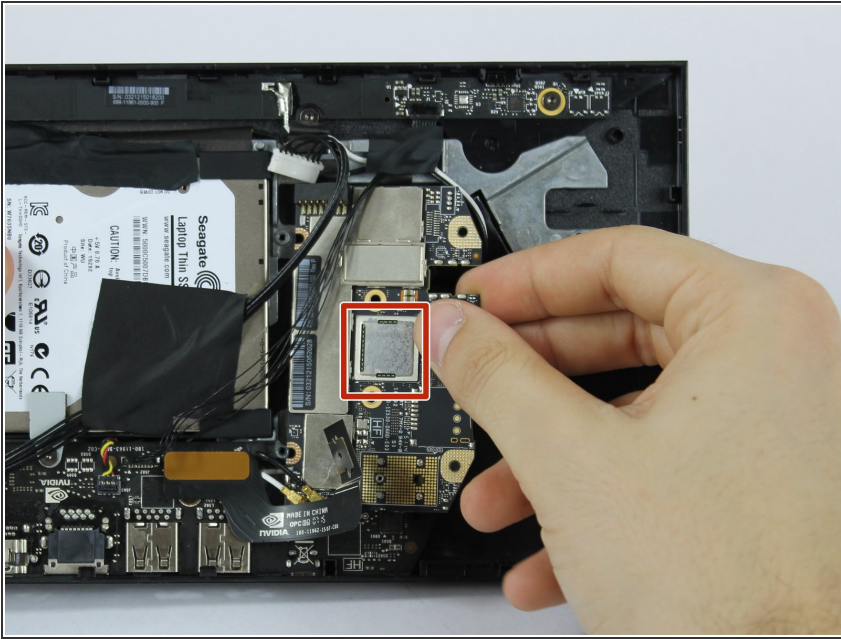
- Remove the five screws using the T6 Torx screwdriver.
- Thayne Christiansen had a comment on July 20 that I found relevant enough to move up and include in the instructions themselves (still needs verification). "Step 5 shows removal of screws removed in Step 2, but doesn't show removal of 2 screws from MB freeing it. Should also show removal of two coax cables connected to the board (1 white, 1 black).

Step 6



- Remove cable by carefully pulling it out of the socket.

Step 7



- Tilt and pull the motherboard away from the device.

⚠ Careful of the thermal paste indicated in the red marker.

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