Nvidia Shield Logic Board Replacement

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🔧 TOOLS:

- T5 Torx Screwdriver (1)
- Spudger (1)
- Tweezers (1)

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Step 1 — Remove Front Panel

- Unscrew the 7 6.4mm T5 Torx screws from back panel

- Use spudger to separate front and back panels

Step 2 — Remove Green Grill

- The green grill is not screwed in so it can be pulled right out.
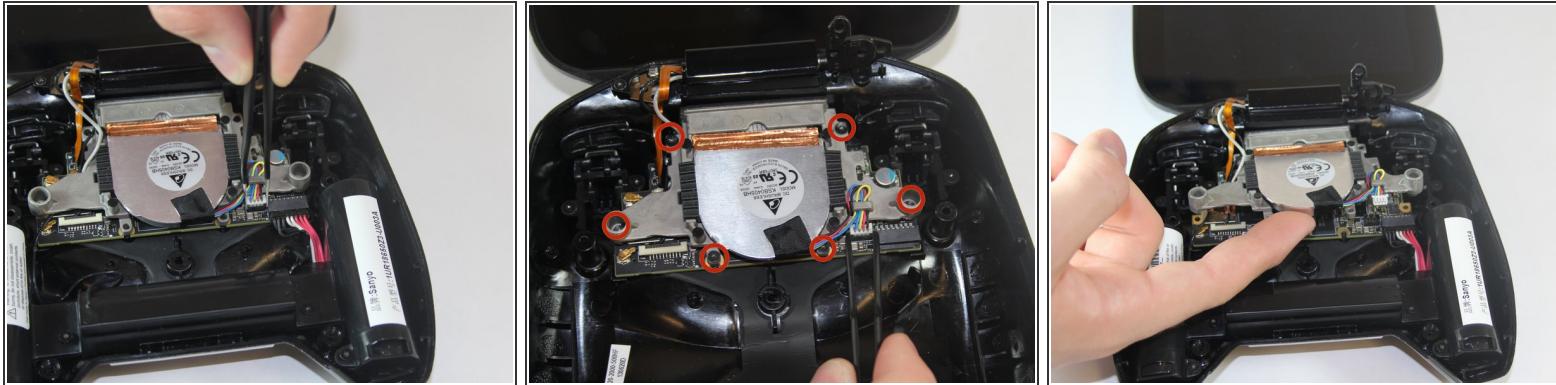
Step 3 — Remove Battery Cables

- Remove the 6 6.5mm T5 Torx screws.

- Remove power wires.

- Peel back copper tape and remove black and white wires.

Step 4 — Remove Battery Apparatus

- Once all cables are removed, pull the battery apparatus out.

Step 5 — Removing Fan

- Cooling is important for electronics, the last thing they want is to overheat.

- Remove the two 7.3mm and four 8.4mm T5 Torx screws and remove the power cable.

- Once the screws and cable are removed, the fan can lift free

Step 6 — Removing Logic Board

- The large board under everything is the logic board.

- Removing this requires unscrewing 6 screws, 2 7.3mm T5 Torx and 4 8.4mm T5 Torx located around the edges of the logic board, which should have already been taken out when removing the fan.

- Once all the screws are gone, be careful with the ports on top of the logic board. Gently wiggling helps.

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