



Surface Studio M.2 SSD Replacement

This guide shows you how to replace the M.2 SSD in the Surface Studio

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INTRODUCTION

Do you want a bigger SSD or perhaps a faster PCIe NVMe SSD? Follow this guide to replace your SSD.

(Note: Surface Studio with Intel Core i5 comes with SATA III SSD while Surface Studio with Intel Core i7 comes with PCIe NVMe SSD.)



TOOLS:

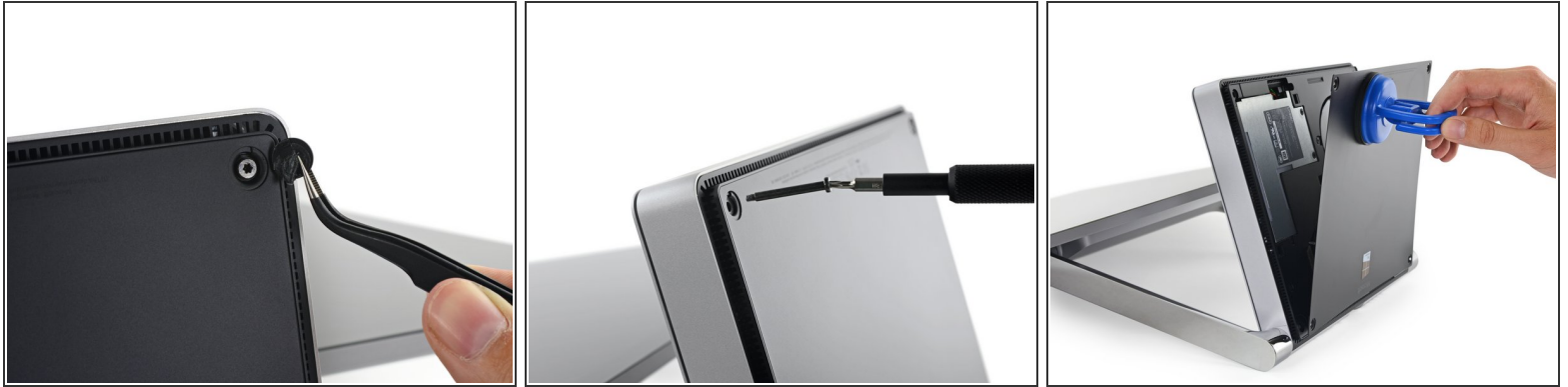
- [Tweezers](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [T8 Torx Screwdriver](#) (1)
- [5mm Nut Driver](#) (1)
- [Heavy-Duty Suction Cups \(Pair\)](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

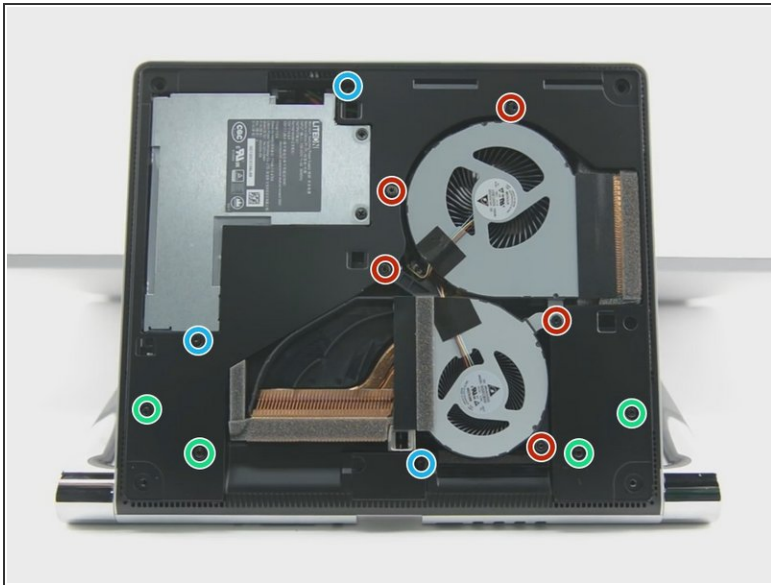
- [Samsung 960 M.2 250GB NVMe SSD](#) (1)

Step 1 — M.2 SSD



- Lay the Surface face down on a padded surface
- ⚠ Be careful not to scratch the screen when laying it face down
- Remove the four rubber feet at each corner concealing the Torx screws
- Remove the four Torx screws under the rubber feet.
- Two screws on the upper corners are longer than two screws on the lower corners.
- Attach suction cups to the bottom cover and then pull on the suction cups to free the bottom cover.

Step 2



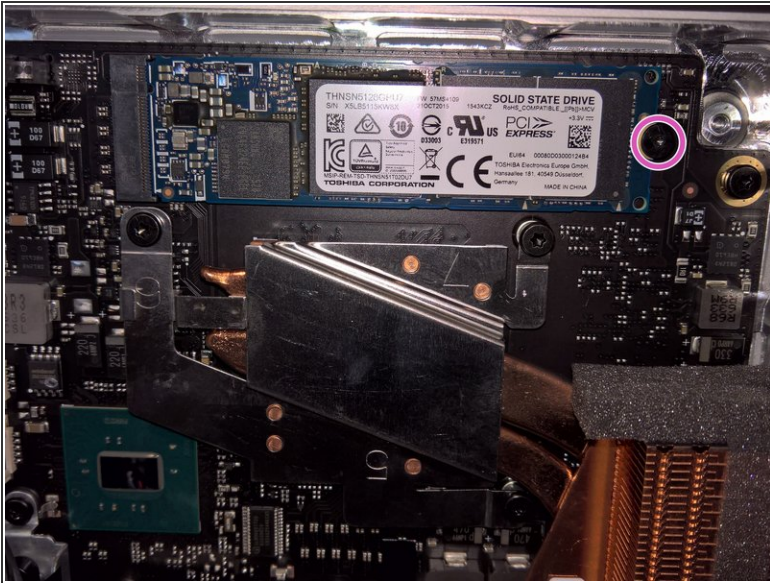
- Remove five torx screws holding the two fans to the midframe
- Remove the two fans
- ⓘ The fan connectors are behind the midframe and not yet accessible. Let the fans hang loosely until you can access the connectors.
- ⓘ Four large torx screws and four small torx screws hold the midframe to the upper frame.
- Remove four large torx screws holding the midframe
- Remove four small torx screws holding the midframe

Step 3



- Slowly remove the midframe
- ⚠ Be careful, the speaker on the midframe is still attached to the motherboard
- Detach the connectors for the two fans and the speaker

Step 4



- With the midframe removed, the M.2 SSD is now accessible
- Remove a torx screw holding the M.2 holding the SSD to the motherboard
- Pull the SSD straight back
- ⚠ Do not pull the SSD upward or risk damaging the M.2 socket
- ⓘ The M.2 socket is compatible with most SATA III, PCIe ACHI, and PCIe NVMe in the M.2 2280 form factor

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