

Removing the M.2 SSD Module

M.2 SSD-1 Removal Procedure

1. Turn off the computer, remove the battery ([page 2 - 5](#)).
2. The M.2 SSD module will be visible at point 1 on the mainboard ([Figure 11a](#)).
3. Remove the screw 2 ([Figure 11b](#)).
4. The M.2 SSD module 3 ([Figure 11c](#)) will pop-up, and you can remove it from the computer.
5. Reverse the process to install a new module (do not forget to replace the screws and thermal pad).

Figure 11
M.2 SSD-1 Module
Removal

- a. Locate the M.2 SSD.
- b. Remove the screw.
- c. The M.2 SSD module will pop up.




Thermal Pad
Make sure to place the thermal pad's adhesive side down on the mainboard's surface as illustrated.


3. M.2 SSD Module
• 1 Screw

Disassembly

Figure 12 M.2 SSD-2 Module Removal

- Locate the M.2 SSD.
- Remove the screw.
- The M.2 SSD module will pop up.

M.2 SSD-2 Removal Procedure

- Turn **off** the computer, remove the battery ([page 2 - 5](#)).
- The M.2 SSD module will be visible at point ❶ on the mainboard ([Figure 12a](#)).
- Remove the screw ❷ ([Figure 12b](#)).
- The M.2 SSD module ❸ ([Figure 12c](#)) will pop-up, and you can remove it from the computer.
- Reverse the process to install a new module (do not forget to replace the screws and thermal pad).




3. M2 SSD Module

- 1 Screw

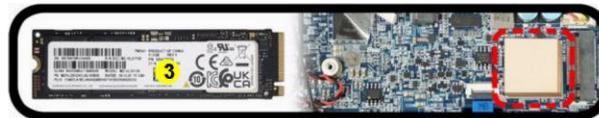
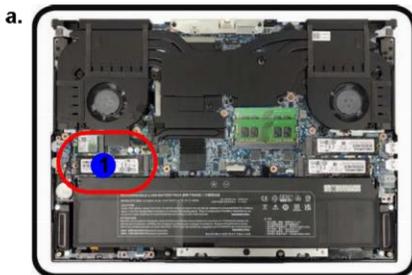

Thermal Pad

Make sure to place the thermal pad's adhesive side down on the mainboard's surface as illustrated.

Disassembly

M.2 SSD-3 Removal Procedure

1. Turn **off** the computer, remove the battery ([page 2 - 5](#)).
2. The M.2 SSD module will be visible at point ❶ on the mainboard ([Figure 13a](#)).
3. Remove the screw ❷ ([Figure 13b](#)).
4. The M.2 SSD module ❸ ([Figure 13c](#)) will pop-up, and you can remove it from the computer.
5. Reverse the process to install a new module (do not forget to replace the screws and thermal pad).



Thermal Pad

Make sure to place the thermal pad's adhesive side down on the mainboard's surface as illustrated.



3.M2 SSD Module

- 1 Screw

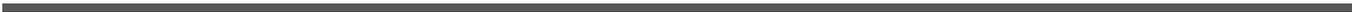
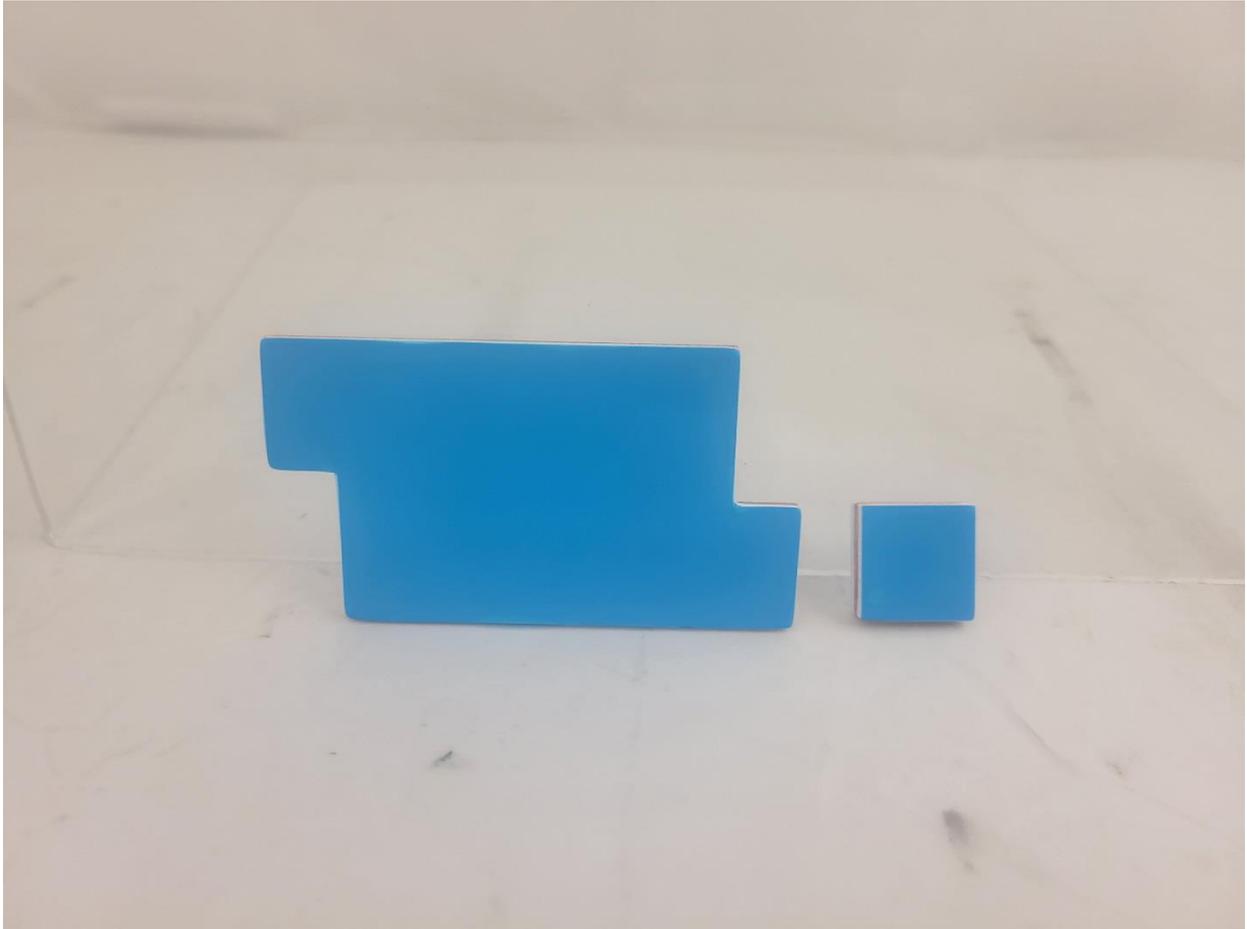
Figure 13
M.2 SSD-3 Module Removal

- a. Locate the M.2 SSD.
- b. Remove the screw.
- c. The M.2 SSD module will pop up.

Copper Thermal Pads Add-On

Recently the X170KM laptop has received a supplemental Copper Thermal Pad kit to enhance unit cooling. The kit includes two parts...

Square Copper Thermal pad and Large Copper Thermal covering Pad.



The Square Copper Thermal pad is designed to go under the PCIe 4.0 SSD drive. This drive is designated with the Blue dot in figure 11a above. You peel off the Blue sticker and affix that side down into the square outline under the SSD drive. If a Thermal pad is already in place, simply remove it and replace with this new copper Thermal Pad.

The Large Copper Thermal covering Pad is designed to go over the PCIe 4.0 SSD drive and the PCIe 3.0 drive installed just below it. Remove the Blue Sticker off the Thermal Pad and place it so it covers both drives. You then remove the 3M label from the top of the Thermal pad. When you replace to Bottom cover of the Laptop the 3M adhesive will stick to the bottom case. The next time the bottom case is removed the Large Copper Thermal covering Pad will come off with the bottom case giving you access to the SSD drives.

