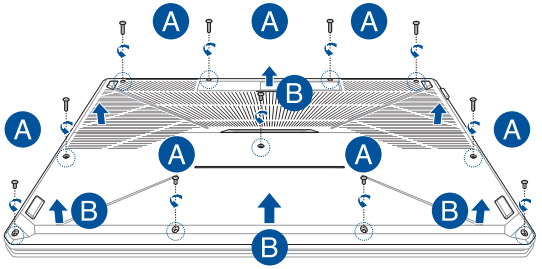
Upgrade Guide

Removing the compartment cover

A. Remove the screws from the Notebook PC's compartment cover.

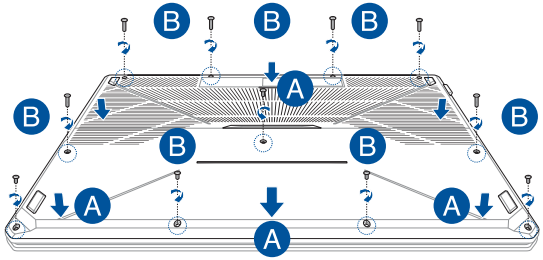
B. Pull out the compartment cover and remove it completely from your Notebook PC.



To reattach the compartment cover:

A. Align and reattach the cover of the compartment.

B. Secure the cover using the screws you removed earlier.



Installing a RAM module

Upgrade the memory capacity of your Notebook PC by installing a RAM (Random Access Memory) module in the memory module compartment. The following steps show you how to install a RAM module into your Notebook PC:

WARNING! Disconnect all the connected peripherals, any telephone or telecommunication lines and power connector (such as external power supply, battery pack, etc.) before removing the compartment cover.

IMPORTANT! Visit an authorized service center or retailer for information on RAM module upgrades for your Notebook PC. Purchase RAM modules from authorized retailers of this Notebook PC to ensure maximum compatibility and reliability.

NOTE:

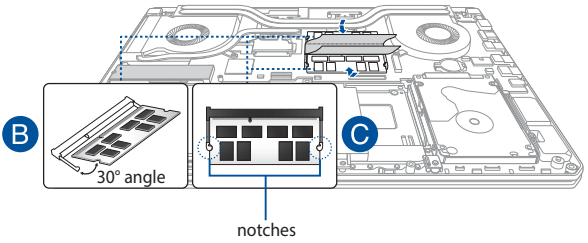
- The appearance of your Notebook PC's bottom side and RAM module may vary per model but the RAM module installation remains the same.
- It is recommended that you install the RAM module under professional supervision. You may also visit an authorized service center for further assistance.

A. Remove the compartment cover.

NOTE: For more details, refer to the *Removing the compartment cover* section in this manual.

B. Align and insert the RAM module into the RAM module slot.

C. Push down the RAM module until it clicks in place.



Installing the Hard Disk Drive

Refer to the following steps if you need to install a new HDD (Hard Disk Drive) to your Notebook PC:

IMPORTANT! Purchase an HDD from authorized retailers of this Notebook PC to ensure maximum compatibility and reliability.

WARNING! Disconnect all the connected peripherals, any telephone or telecommunication lines and power connector (such as external power supply, battery pack, etc.) before removing the compartment cover.

NOTE:

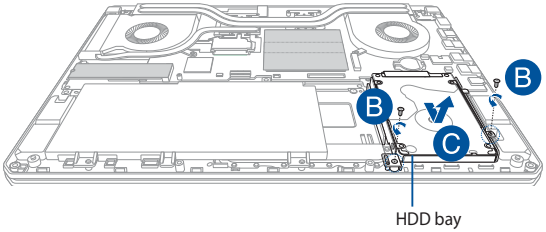
- The appearance of your Notebook PC's bottom side and HDD may vary per model but the HDD installation remains the same.
- It is recommended that you replace the HDD under professional supervision. You may also visit an authorized service center for further assistance.

A. Remove the compartment cover.

NOTE: For more details, refer to the *Removing the compartment cover* section in this manual.

B. Remove the screws securing the HDD bay to the compartment.

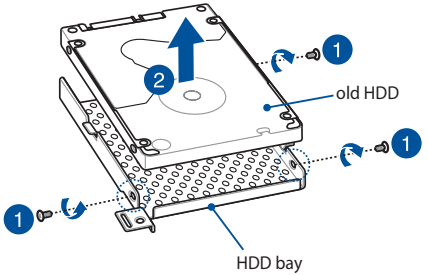
C. (Optional) If an HDD is currently installed in your Notebook PC, disconnect the HDD bay from the HDD port as shown in the illustration below.



D. (Optional) If an HDD is currently attached to the HDD bay, refer to the following steps on how to remove the old HDD:

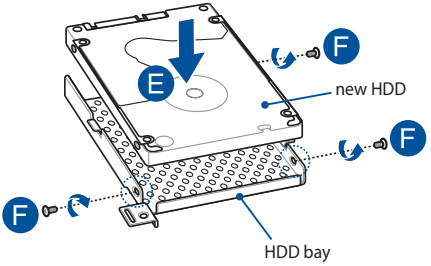
1. Remove all the screws on the sides of the HDD bay.

2. Remove the old HDD from the HDD bay then place it on a flat dry surface with its PCB (Printed Circuit Board) facing up, as shown in the illustration below.



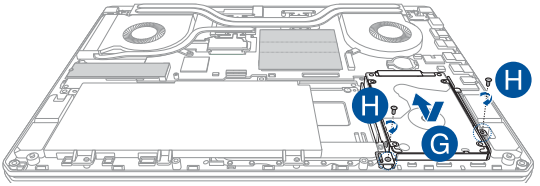
E. Place the new HDD with its PCB (Printed Circuit Board) facing the HDD bay. Ensure that the port connectors of your HDD are not obstructed by any part of the HDD bay.

F. Reattach and secure the HDD with the screws you removed earlier.



G. Replace the HDD bay back in the compartment with the HDD connector aligned with the Notebook PC's HDD port. Push the HDD bay until it connects with the Notebook PC.

H. Secure the HDD bay with the screws you removed earlier.



Installing an M.2 card

Refer to the following steps when installing a compatible M.2 card in your Notebook PC:

IMPORTANT! Purchase your M.2 card from authorized retailers of this Notebook PC to ensure maximum compatibility and reliability.

WARNING! Disconnect all the connected peripherals, any telephone or telecommunication lines and power connector (such as external power supply, battery pack, etc.) before removing the compartment cover.

NOTE:

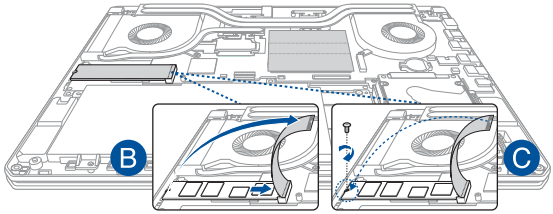
- The appearance of your Notebook PC's bottom side and M.2 card may vary per model but the module installation remains the same.
- It is recommended that you install the M.2 card under professional supervision. You may also visit an authorized service center for further assistance.
- The M.2 2280 slot supports both PCIe (NVMe) SSD and SATA SSD.

A. Remove the compartment cover.

NOTE: For more details, refer to the *Removing the compartment cover* section in this manual.

B. Lift the flap covering the card module slot, then align and insert the M.2 card into the slot.

C. Secure the M.2 card in place using the bundled screw, and reattach the tip of the flap onto the M.2 card until it is stuck firmly.



IMPORTANT! To prevent data loss, ensure to execute the Optane Disable tool before removing your Intel® Optane™ SSD. For more details, please visit https://www.asus.com/support.