DURABOOK
Prepared for the Unexpected

Z14I RAID Server

User Manual

DURABOOK

P/N: 62+031000+00

Package Contents

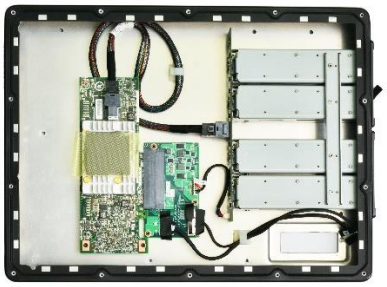
If any of following items is damaged, please contact your retailer.

Adapter

Power code

Expansion brackets

Expansion chassis with Rubber gasket



Bottom cover

RAID transfer bracket

Door brackets

IO doors

Battery support sponge

RAID Expansion Chassis & SSD Module Screws

Screw Name	Screw Type	Quantity
ISOT-M3.0X10L		6 (bumpers)
ISOT-M3.0X7L		8 (bumpers)
ISOT-M2.6X4L		4 (expansion brackets)
		2 (RAID transfer bracket)
		14 (bottom cover)
		6 (rubber doors)
ISOT-M2.6X8L & O RING		4 (expansion chassis)
ISOT-M2.6X3L		6 (expansion chassis)
ISOT-M2.0X3L		4 (RAID SSD module upper cover)
		1 (SSD module)

NOTE

The pictures are for reference only, actual items may slightly differ.

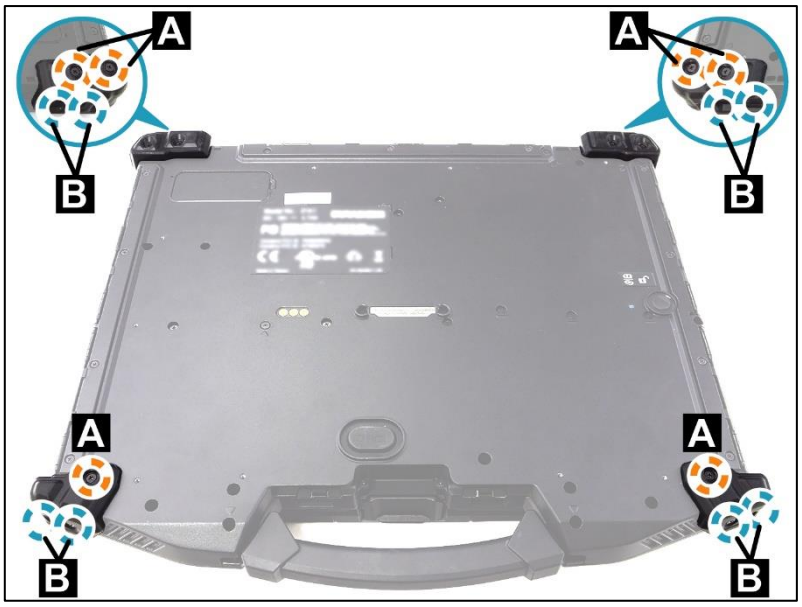
Installation

This section will guide you on how to install the RAID expansion chassis and replace the RAID SSD module.

Installing the RAID Expansion Chassis

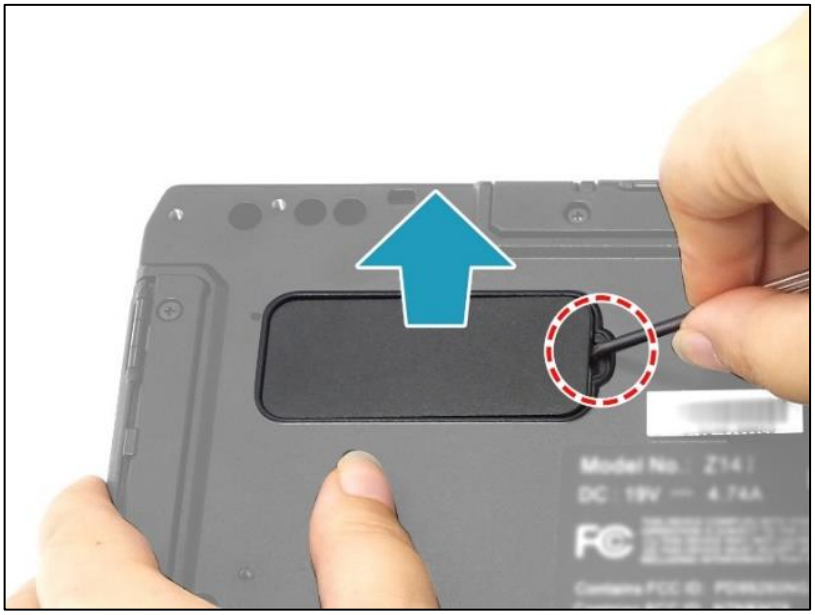
To install the RAID expansion chassis, follow the steps below:

1. Remove the 14 screws securing the bumpers.
   - ISOT-M3.0X10L (A): 6 screws
   - ISOT-M3.0X7L (B): 8 screws



2. Remove the bumpers.

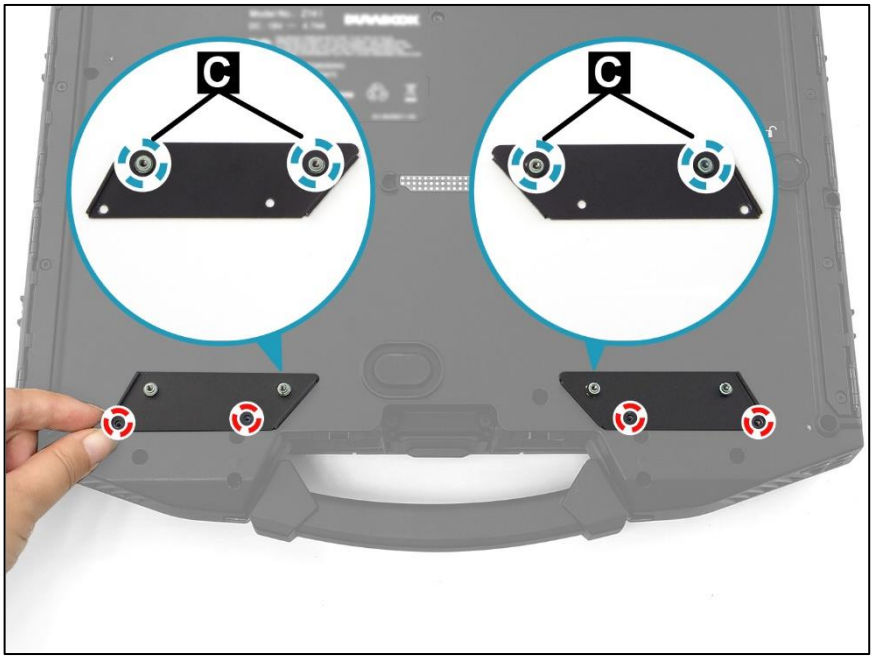
3. Pry to remove the mylar from the lower case.



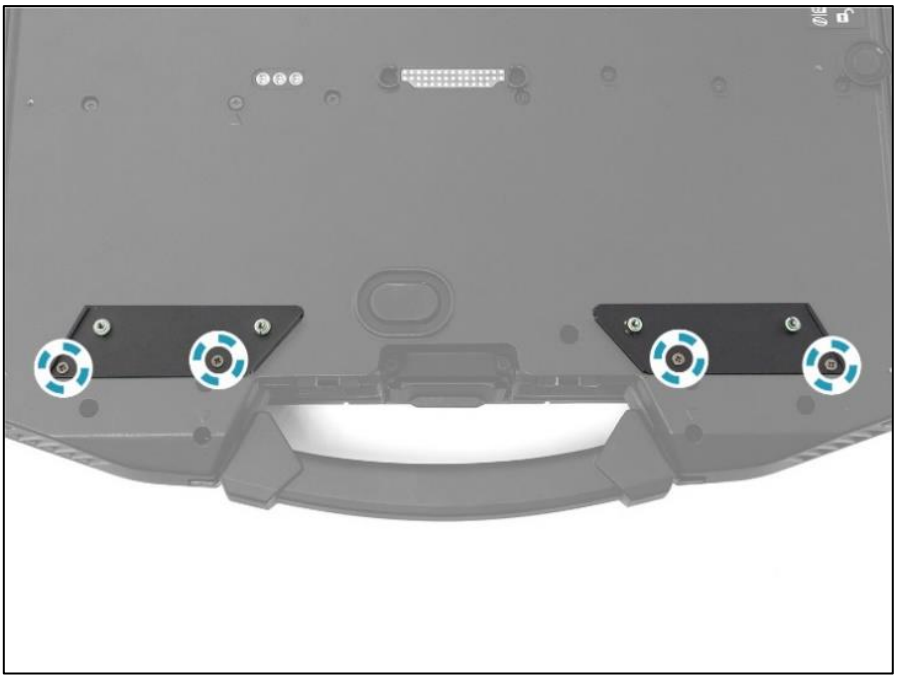
4. By aligning with the screw holes, install the expansion brackets onto their respective slots.

NOTE

- Ensure that the 4 O-rings ( ) are properly embedded on the upper part of the screw holes (C).



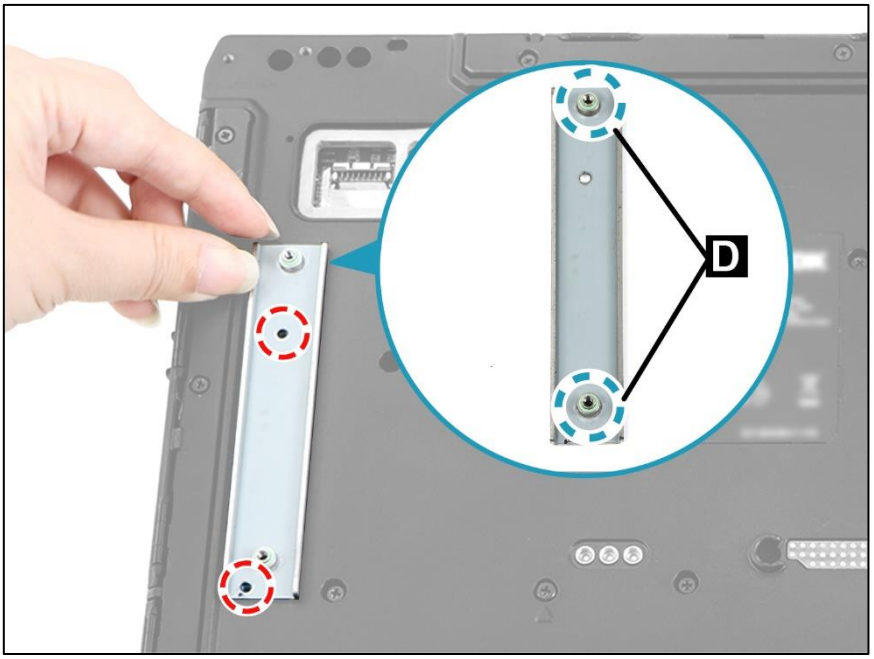
5. Attach the 4 screws (ISOT-M2.6X4L) to secure the expansion brackets to the lower case.



6. By aligning with the screw holes, install the RAID transfer bracket onto its slot.

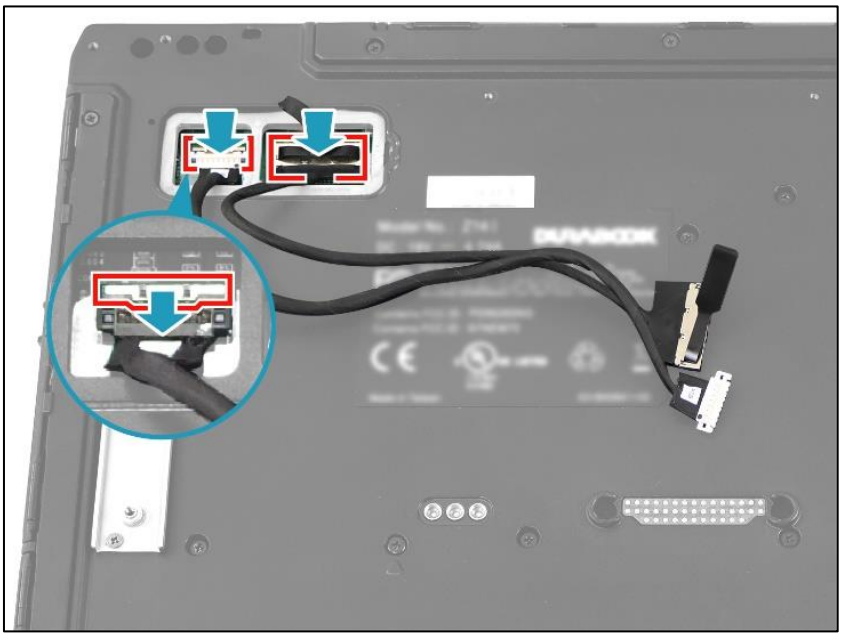
NOTE

- Ensure that the 2 O-rings ( ) are properly embedded on the upper part of the screw holes (D).



7. Attach the 2 screws (ISOT-M2.6X4L) to secure the RAID transfer bracket to the lower case.

8. Connect the PCIe coaxial cable to the mainboard connector. Then connect the PCIe power cable to the mainboard connector and secure the latch.

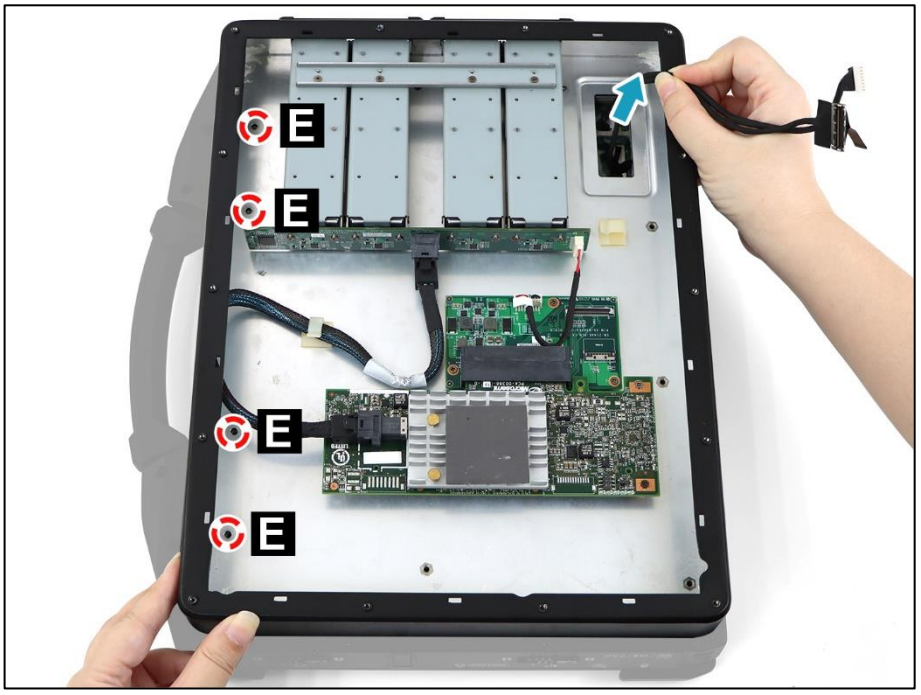


9. Route the PCIe power and coaxial cables through the opening on the expansion chassis. Then, place the expansion chassis on the top of the lower case. Ensure that the screw holes are properly aligned.

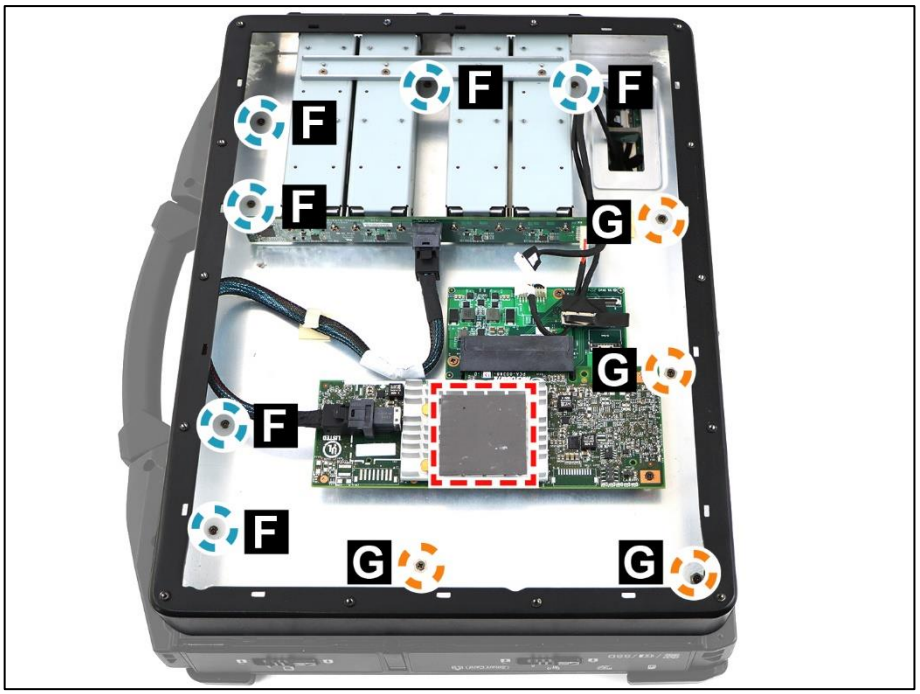
NOTE

- If you have difficulty aligning the screw holes, lift the chassis and loosen the 4 screws securing the expansion brackets (see *Step 5*). Then place the chassis onto the lower case and re-align the screw holes (E) with the screw holes on the brackets.
  After verifying the screws holes are properly aligned, lift the chassis again,

and then fasten the 4 screws to secure the expansion brackets.



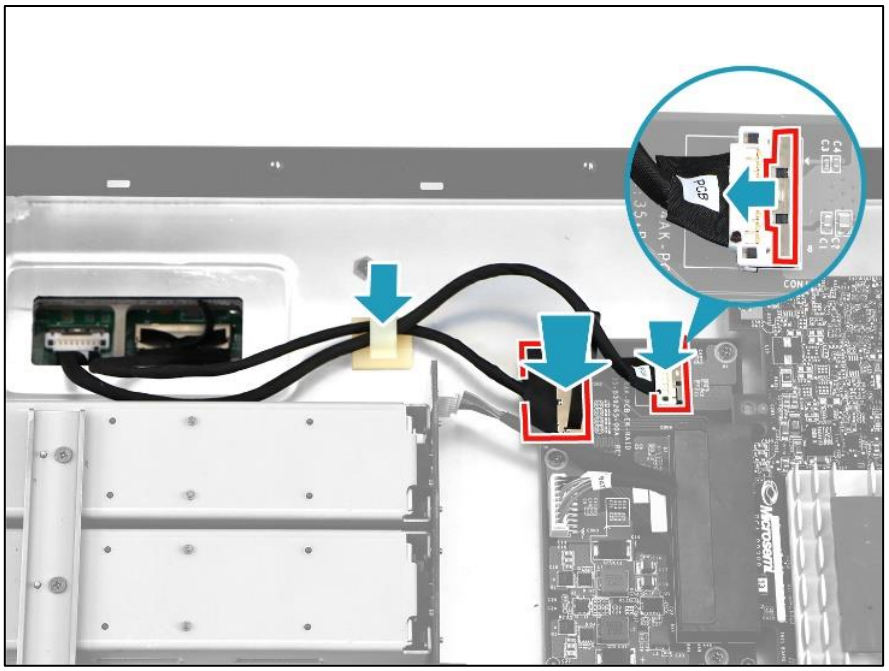
10. Attach the 6 screws (ISOT-M2.6X3L) first to secure the expansion chassis to the lower case. Then continue to attach the remaining 4 screws (ISOT-M2.6X8L).
    - ISOT-M2.6X3L (F): 6 screws
    - ISOT-M2.6X8L (G): 4 screws



NOTE

- Ensure that the O-ring is embedded with the ISOT-M2.6X8L screw ( ).

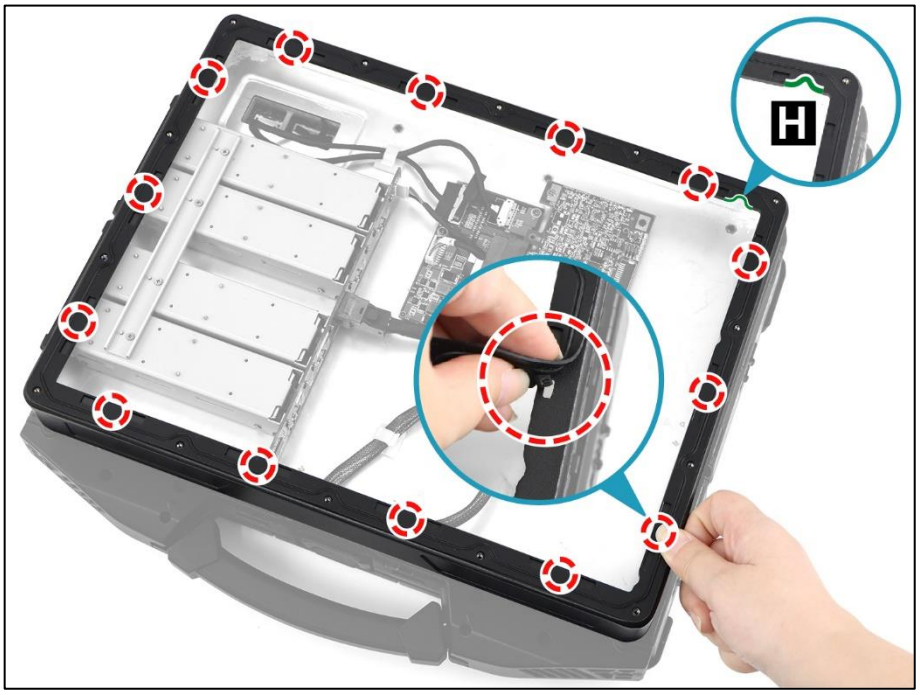
11. Connect the other end of the PCIe coaxial cable to the expansion module board connector. Then connect the other end of the PCIe power cable to the expansion module board connector and secure the latch.
12. Secure the cables with the cable clip.



13. With the protruding tabs facing down, install the rubber gasket onto its compartment. Press down each tabs to ensure that the gasket is properly seated in place.

CAUTION!

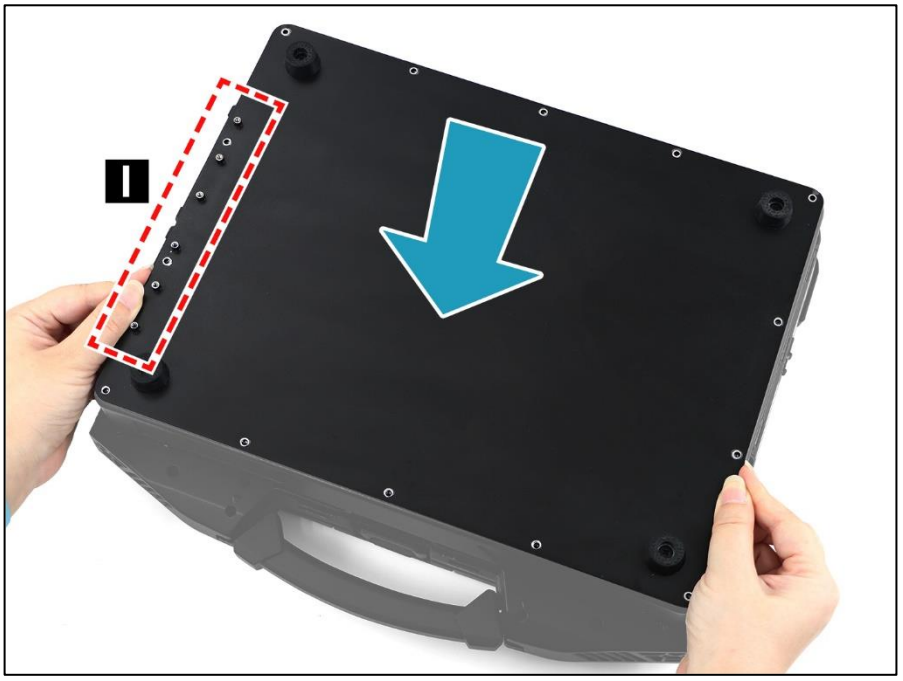
To ensure the correct placement and orientation, please observe the printed direction (H) when installing the rubber gasket.



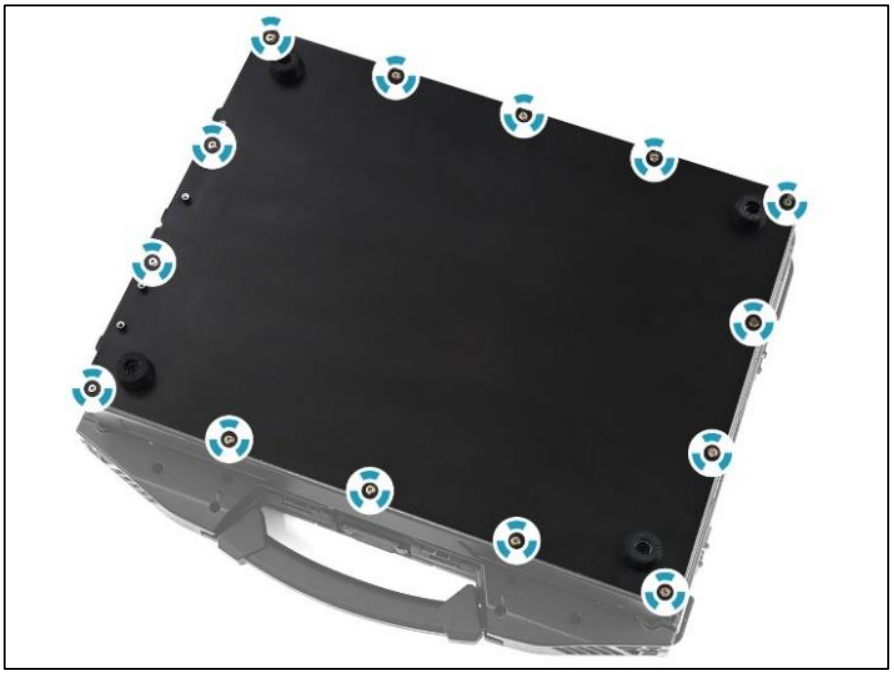
14. By aligning with the screw holes, install the bottom cover onto the expansion chassis.

NOTE

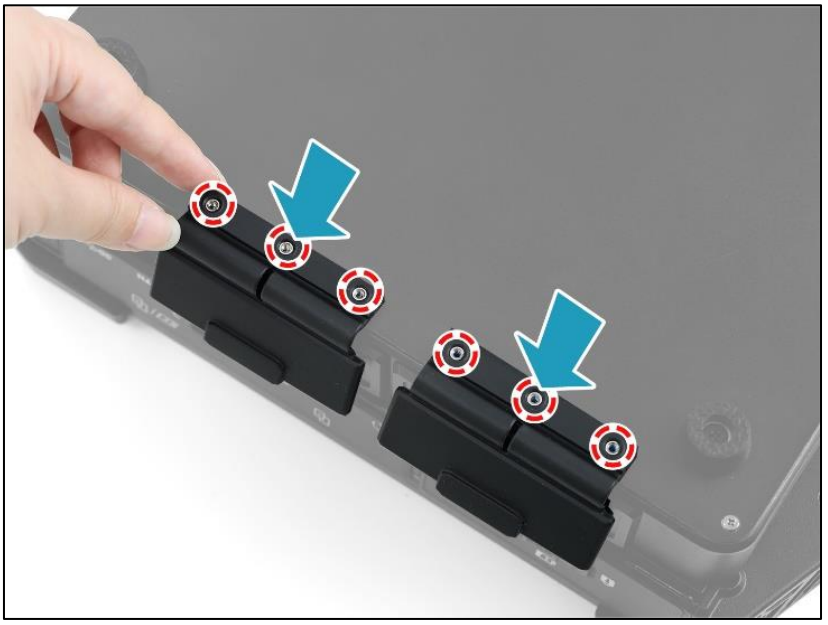
- Ensure that the protruding parts of the bottom cover (I) are properly positioned with the respective location of the rubber doors.



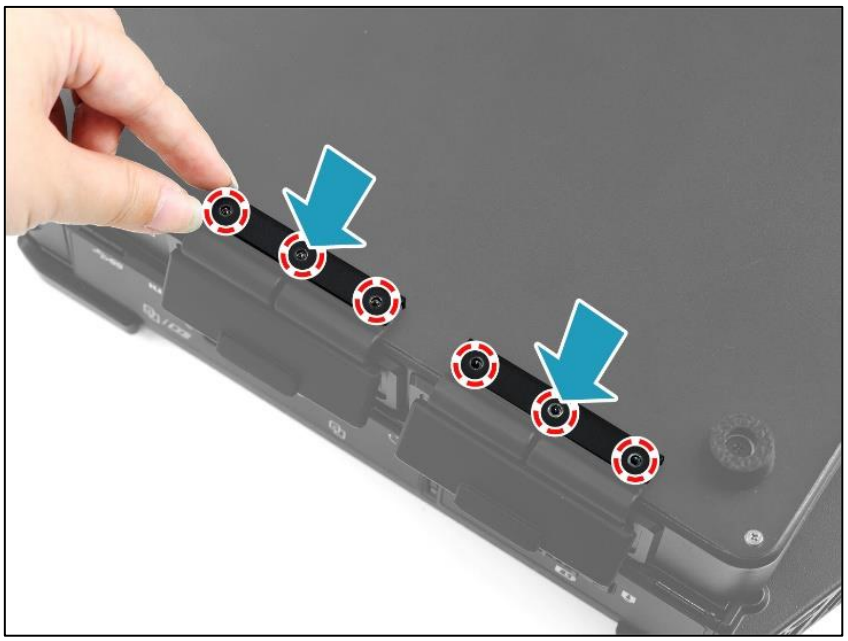
15. Attach the 14 screws (ISOT-M2.6X4L) to secure the bottom cover.



16. By aligning with the protruding parts of the bottom cover, install the low-profile rubber doors onto their respective slots on the bottom cover.

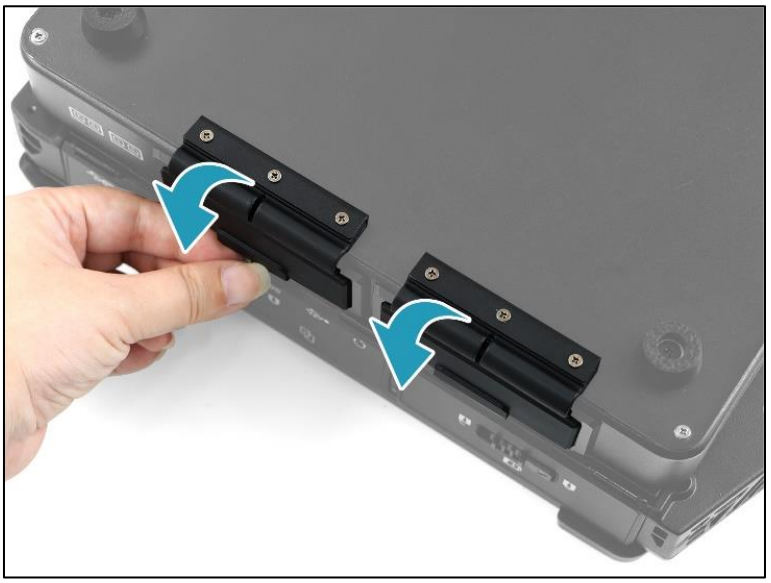


17. Place the door brackets onto their respective compartments on the installed rubber doors. Ensure that the protruding parts and screw holes are properly aligned.



18. Attach the 6 screws (ISOT-M2.6X4L) to secure the rubber doors.

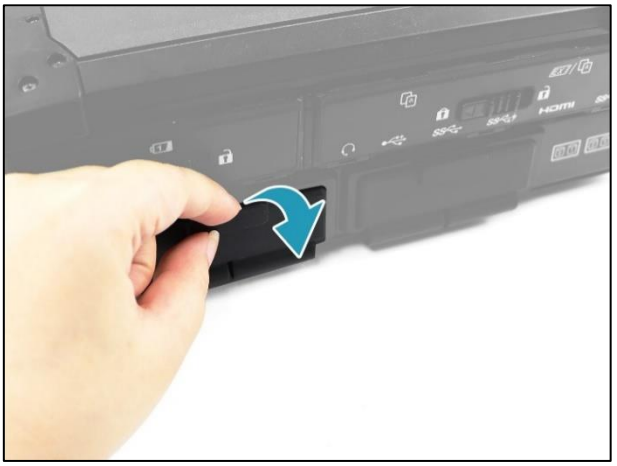
19. Close the rubber doors.



Replacing the RAID SSD Module

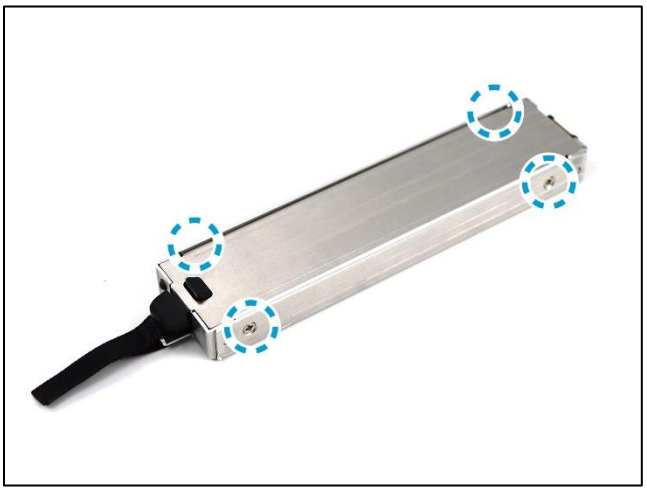
To replace the RAID SSD module, follow the steps below:

1. Open the rubber door.

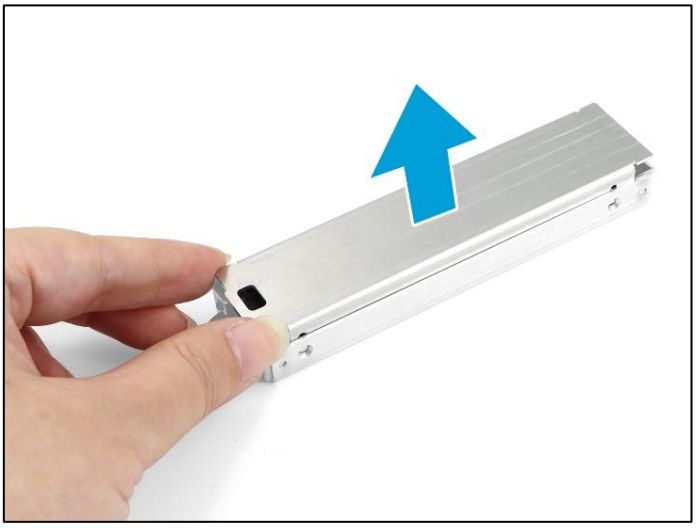


2. Press the latch downwards and pull to remove the RAID SSD module assembly from its compartment.

3. Remove the 4 screws (ISOT-M2.0X3L) securing the RAID SSD module upper cover.

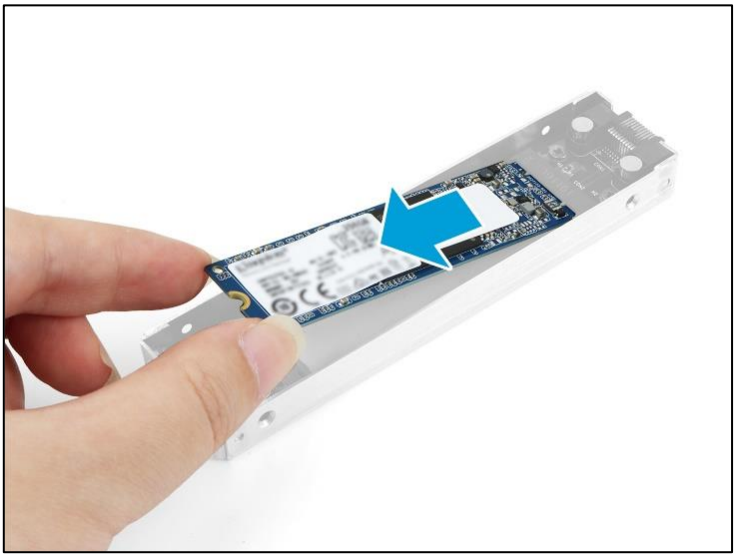


4. Remove the RAID SSD module upper cover.

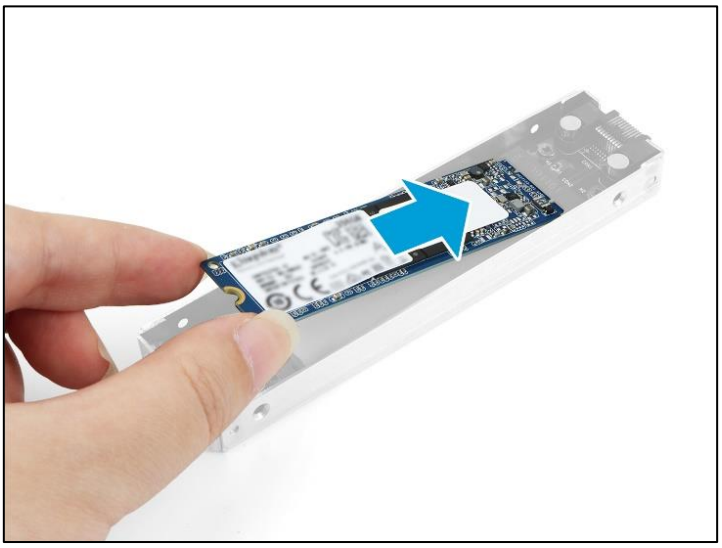


5. Remove the screw (ISOT-M2.0X3L) securing the RAID SSD module.

6. Remove the RAID SSD module.

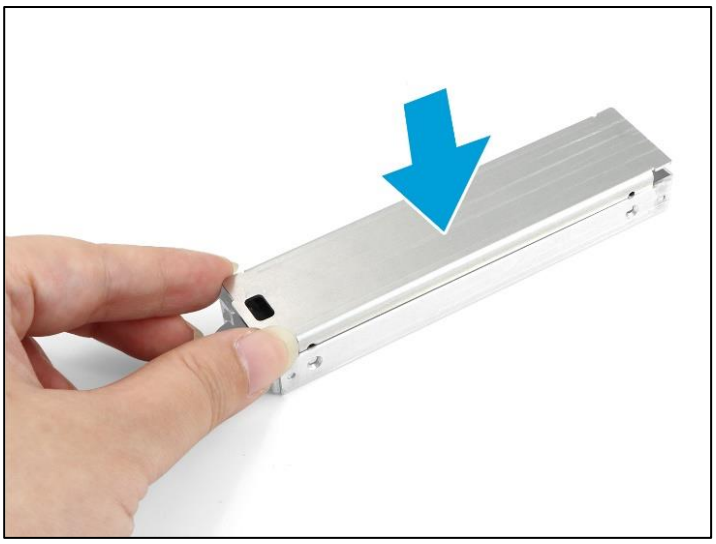


7. Install the RAID SSD module.

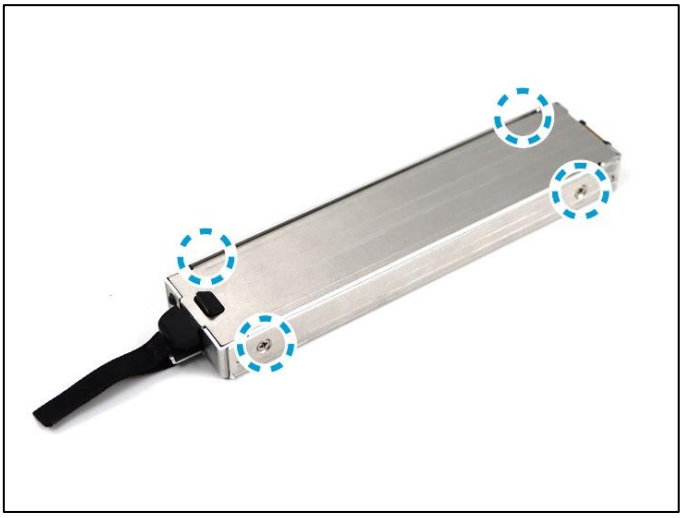


8. Attach the screw (ISOT-M2.0X3L) to secure the RAID SSD module in place.

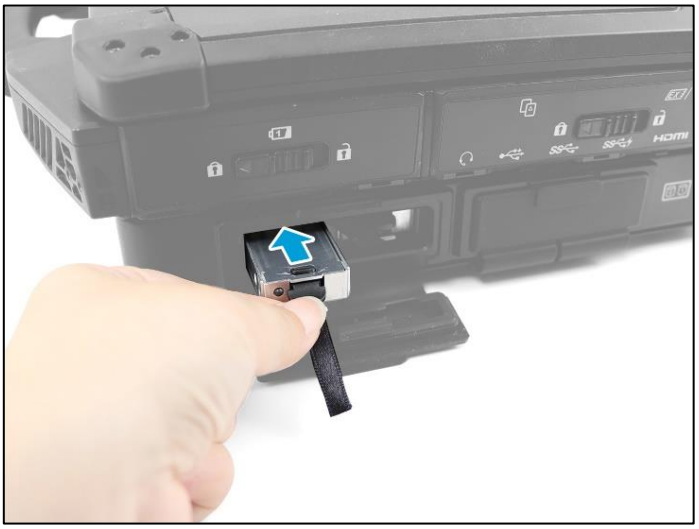
9. Replace the RAID SSD module upper cover.



10. Attach the 4 screws (ISOT-M2.0X3L) to secure the RAID SSD module upper cover.



11. Insert the RAID SSD module assembly into its compartment. Make sure it is firmly seated.

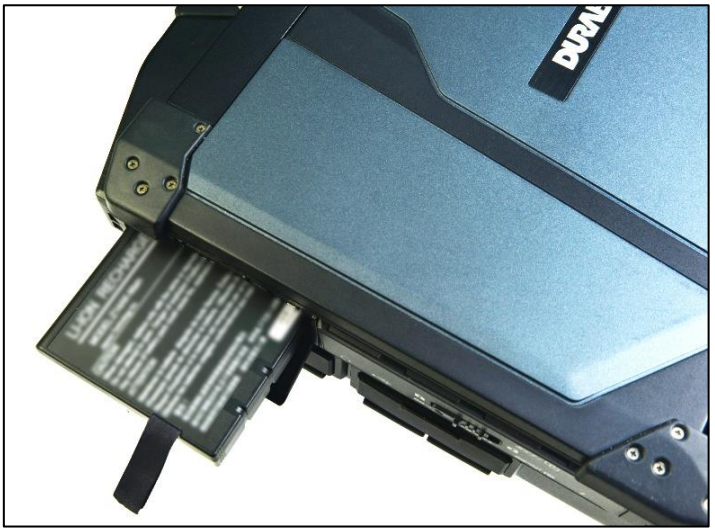


12. Close the rubber door.

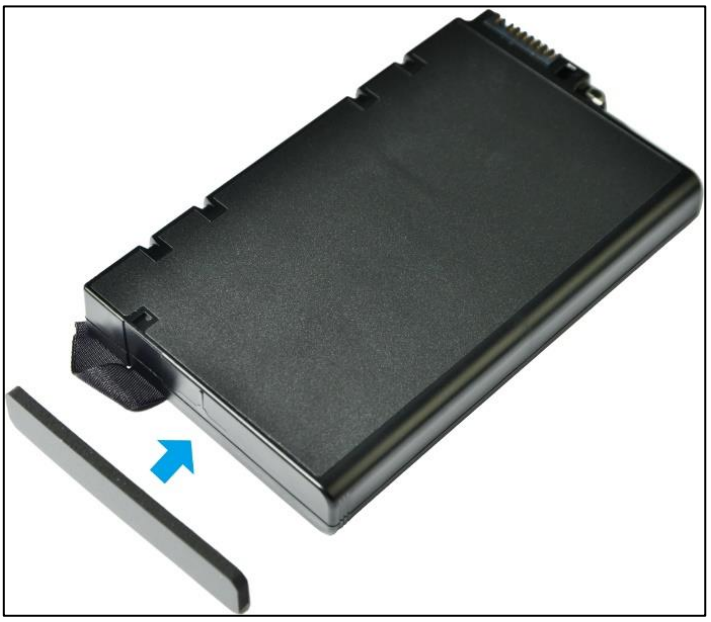
Attaching the Battery Support Sponge

To attach the battery support sponge, follow the steps below:

1. Open the battery compartment cover. Then pull the battery out of the battery compartment.



2. Attach the support sponge to the side of the battery as shown below.



3. Insert the battery into the battery compartment. Then push completely until the battery locks into place.

4. Close the battery compartment cover.

RAID Expansion Chassis & SSD Module Screws

Screw Name	Screw Type	Quantity	Torque
ISOT-M3.0X10L		6 (bumpers)	2.5 ± 0.3 Kgf-cm
ISOT-M3.0X7L		8 (bumpers)	2.5 ± 0.3 Kgf-cm
ISOT-M2.6X4L		4 (expansion brackets)	2.5 ± 0.3 Kgf-cm
		2 (RAID transfer bracket)	2.5 ± 0.3 Kgf-cm
		14 (bottom cover)	3.5 ± 0.3 Kgf-cm
		6 (rubber doors)	2.5 ± 0.3 Kgf-cm
ISOT-M2.6X8L & O RING		4 (expansion chassis)	2.5 ± 0.3 Kgf-cm
ISOT-M2.6X3L		6 (expansion chassis)	2.5 ± 0.3 Kgf-cm
ISOT-M2.0X3L		4 (RAID SSD module upper cover)	2.0 ± 0.3 Kgf-cm
		1 (SSD module)	2.0 ± 0.3 Kgf-cm

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