

**MARS**  
**MARS RPL**  
**Series**  
**Small Form**  
**Factor PC**



## MARS RPL Series Small Form Factor PC User Manual

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**MARS RPL Series Small Form Factor PC**



## Specifications

- **Battery Type:** CR2032
- **Battery Voltage:** 3V
- **Rechargeable:** Non-rechargeable

## FAQ

### Q: Can I recharge the battery?

A: No, the battery included is non-rechargeable and should not be recharged to avoid any potential safety hazards.

### Q: What should I do if the battery is swallowed?

A: If a battery is swallowed, seek immediate medical attention. Call a local poison control center for treatment information.

## Safety Information

Your system is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

### Setting up your system

- Read and follow all instructions in the documentation before you operate your system.
- Do not use this product near water or a heated source such as a radiator. Set up the system on a stable surface.

- Openings on the chassis are for ventilation. Do not block or cover these openings. Make sure you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- Use this product in environments with ambient temperatures between 0°C and 35°C.
- If you use an extension cord, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed its ampere rating.

### **Care during use**

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill water or any other liquids on your system.
- When the system is turned OFF, a small amount of electrical current still flow. Always unplug all power, modem, and network cables from the power outlets before cleaning the system.
- IF you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer:
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.
  - The system does not function properly even if you follow the operating instructions.
  - The system was dropped or the cabinet is damaged.
  - The system performance changes.

### **No disassembly**

IMPORTANT: The warranty does not apply to products that have been disassembled by users.

### **Battery replacement and disposal**

WARNING: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

### **Product disposal notice**

**IMPORTANT:** This symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

### **CE Mark Warning**

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

### **FCC Compliance Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:



1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However,

there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Button Battery Safety Notice

 <b>WARNING</b>	
<ul style="list-style-type: none"><li>• <b>INGESTION HAZARD:</b> This product contains a button cell or coin battery.</li><li>• <b>DEATH</b> or serious injury can occur if ingested.</li><li>• A swallowed button cell or coin battery can cause <b>Internal Chemical Burns</b> in as little as <b>2 hours</b>.</li><li>• <b>KEEP</b> new and used batteries <b>OUT OF REACH</b> of <b>CHILDREN</b></li><li>• <b>Seek immediate medical attention</b> if a battery is suspected to be swallowed or inserted inside any part of the body.</li></ul>	

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Battery type: CR2032
- Battery voltage: 3V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- This product contains an irreplaceable battery.
- This icon indicates that a swallowed button battery can cause serious injury or death. Please keep batteries out of sight or reach of children.

### UKCA Conformity

This device is in compliance with the essential requirements and other relevant provisions of related UKCA Directives.

### CE Conformity

This device is in compliance with the essential requirements and other relevant provisions of related Directives.

### CALIFORNIA, USA ONLY

The Lithium battery adopted on this motherboard contains Perchlorate, a toxic substance controlled in Perchlorate Best Management Practices (BMP) regulations passed by the California Legislature. When you discard the Lithium battery in California, USA, please follow the related regulations in advance.

## AUSTRALIA ONLY

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- Licensee's specific rights may vary from country to country.

## **Product Specifications**

### **• CPU**

- Supports 14th & 13th Gen Intel® Core™
- Processors (Raptor Lake-U & Raptor Lake-U
- Refresh)(Intel® Core™ i5-1335U Processor)/
- Supports 12th Gen Intel® Core™ Processors
- (Alder Lake-U) (Celeron® Processor 7305U)

### **• GPU**

Intel® Xe Graphics Architecture (Gen 12)

### **• M/B Form Factor/**

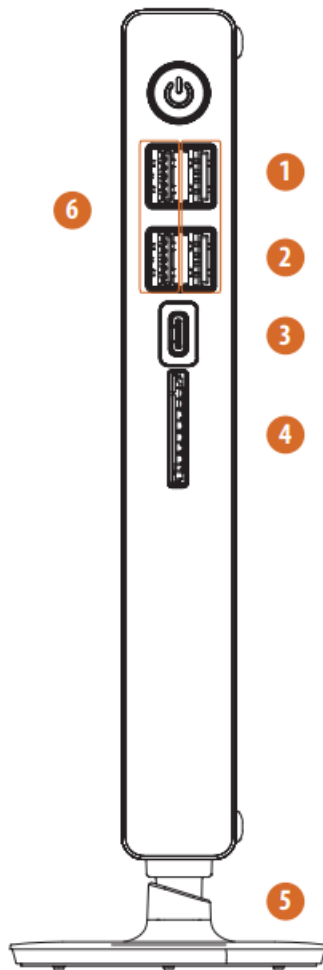
Proprietary design (7.0" x 5.7")

### **• Memory**

- 2 x SO-DIMM DDR5-5200 (14th & 13th Gen
- Intel® Core™ Processors)/DDR5-4800 (12th

- Intel® Core™ Processors)
- Max. 96GB (non-ECC)
- **M.2 slot**  
Supports 2 x M.2 SSD slots  
(Support PCIe 3.0×4/ SATA3 type 2260/ 2280 M.2 SSD & PCIe 4.0×4 type 2260/ 2280 M.2 SSD)
- **WLAN**  
Supports M.2 (2230) WiFi/ BT module and Intel® CNVio/CNVio2 (Integrated WiFi/ BT)
- **Audio codec**  
ALC269 codec
- **Power Adaptor**  
65W/ 19V
- **Front I/O**  
Card Reader (SD/SDHC/SDXC/MMC)\*1 / USB 2.0\*2/ USB 3.2 Gen2 Type-A\*2/ USB 4.0 Thunderbolt™ 4 Type-C\*1
- **Rear I/O**  
HDMI\*1 (4K@60 Hz)/ VGA\*1/ USB Type-C/ USB 3.2 Gen2 Type-A\*2/ LAN\*1/ DC Jack/ Headphone/Headset Jack
- **LED Indicator/**  
Power LED (Color: blue)
- **VESA mount**  
Supports VESA standard 100x100mm & 75x75mm
- **Kensington lock**  
Reserved at the rear cover
- **Stand**  
128.7×72.2×24.3mm
- **Dimension**  
194mm (L)\*150mm (W) \*26mm (H)
- **OS**  
Windows® 10 64-bit / 11 64-bit
- **Safety**  
FCC, CE  
ErP/EuP ready (ErP/EuP ready power supply is required)

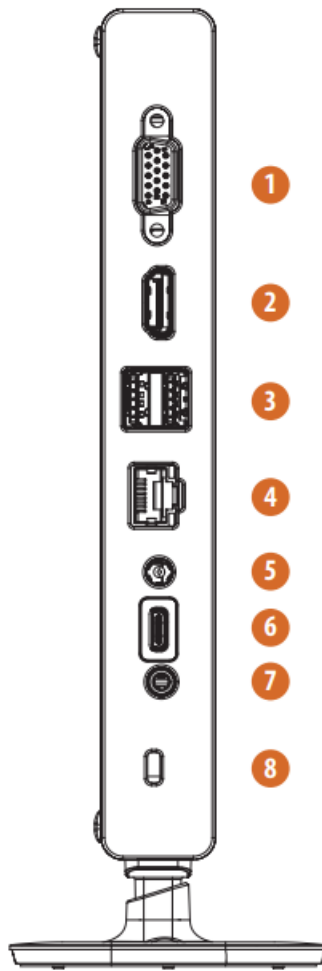
## System Front View



1. USB 2.0 Port
2. USB 2.0 Port (USB Keyboard Wake-up function supported)
3. USB 4.0 Thunderbolt™ 4 Type-C Port
4. Card Reader
5. Base stand screw
6. USB 3.2 Gen2 Type-A Ports

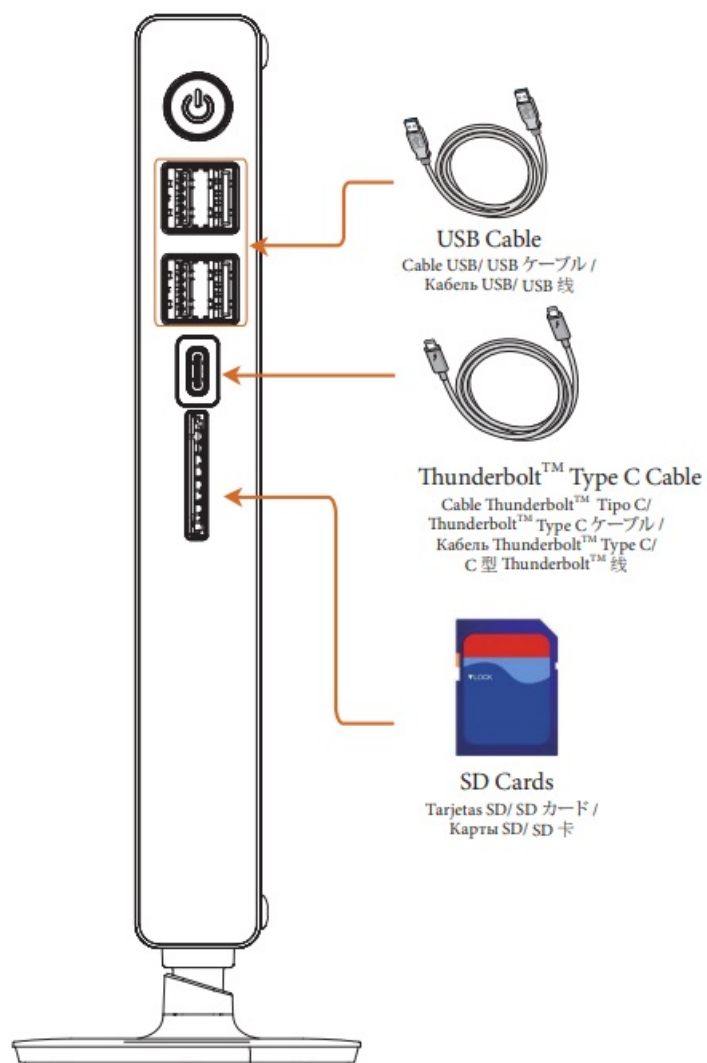
## System Rear View



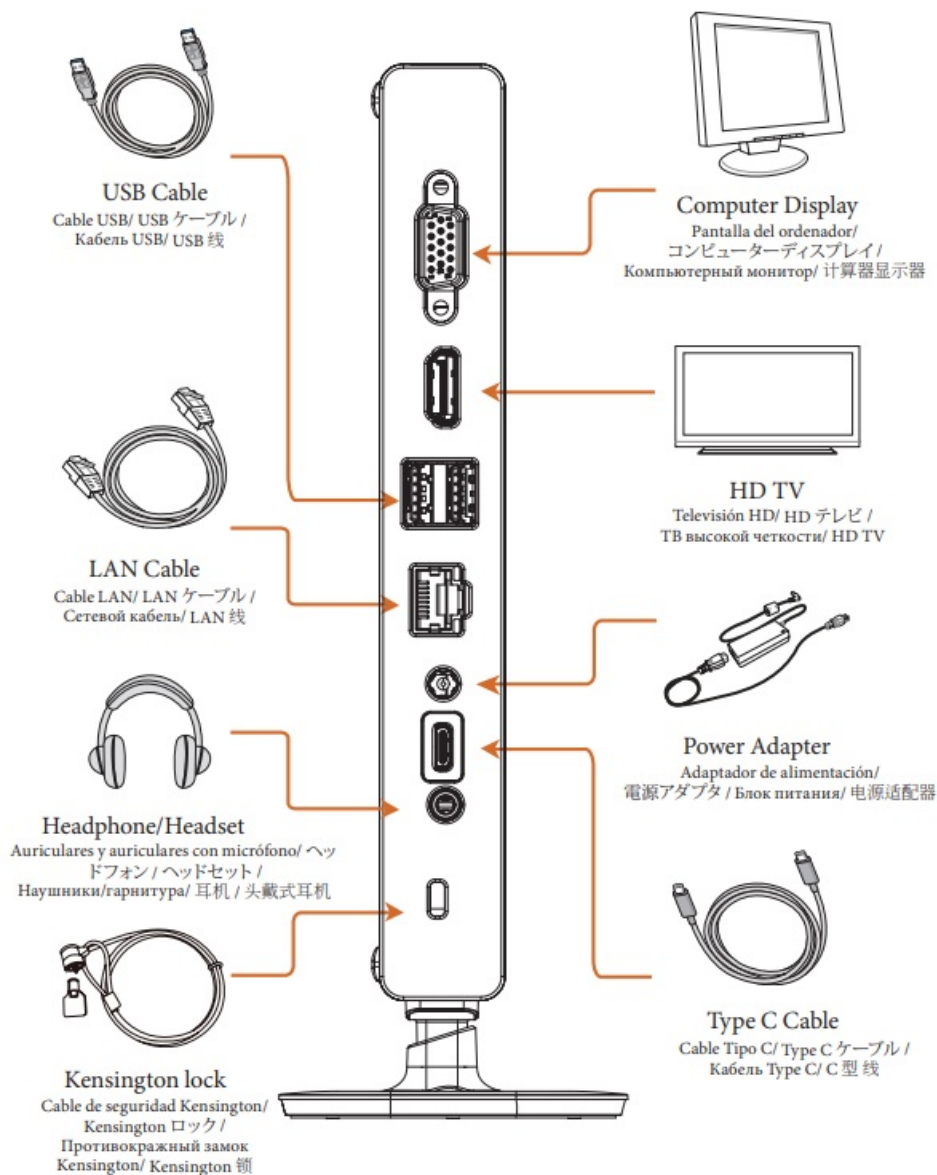


1. D-Sub Output
2. HDMI Output
3. USB 3.2 Gen2 Ports
4. LAN Port
5. DC IN
6. USB Type-C Port
- \*Supports USB Type-C Alt Mode (only supports 20V Power Delivery in)
7. Headphone/Headset Jack
8. Kensington lock

### Connection Examples Front



## Connection Examples Rear



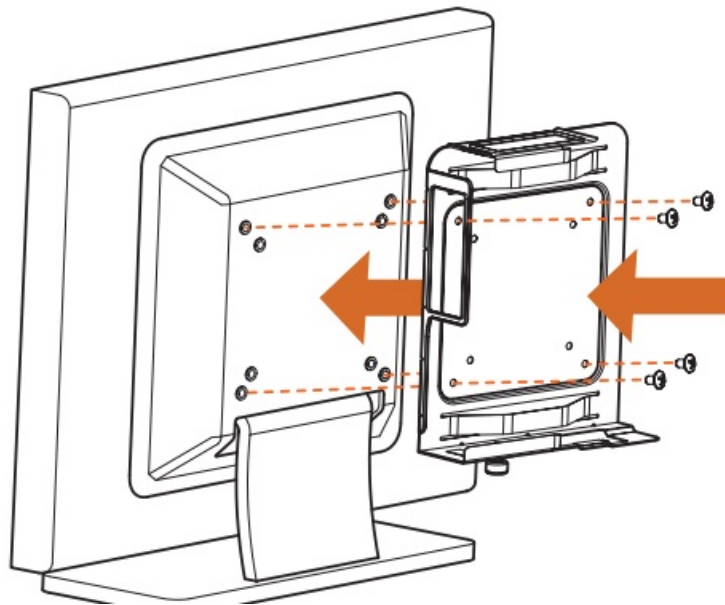
## Installation

### Stand Installation

#### Installing the VESA Bracket

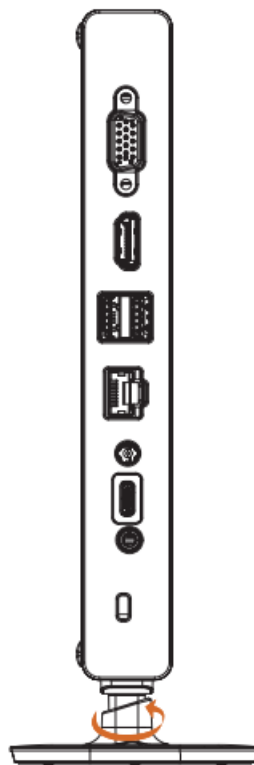
Attach the VESA Bracket to the rear of a compatible display using the four screws.

\*Choose mounting holes depending on the mounting hole pattern of your LCD screen (75 mm × 75 mm or 100 mm × 100 mm).

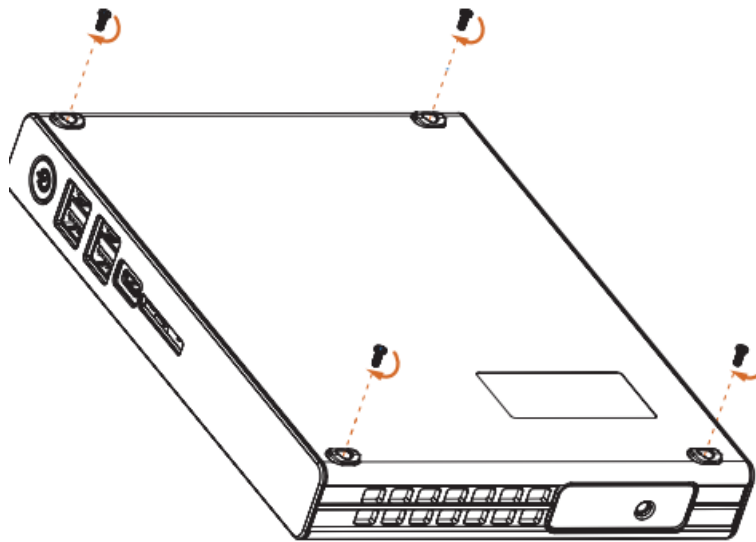


### Installing the Base Stand

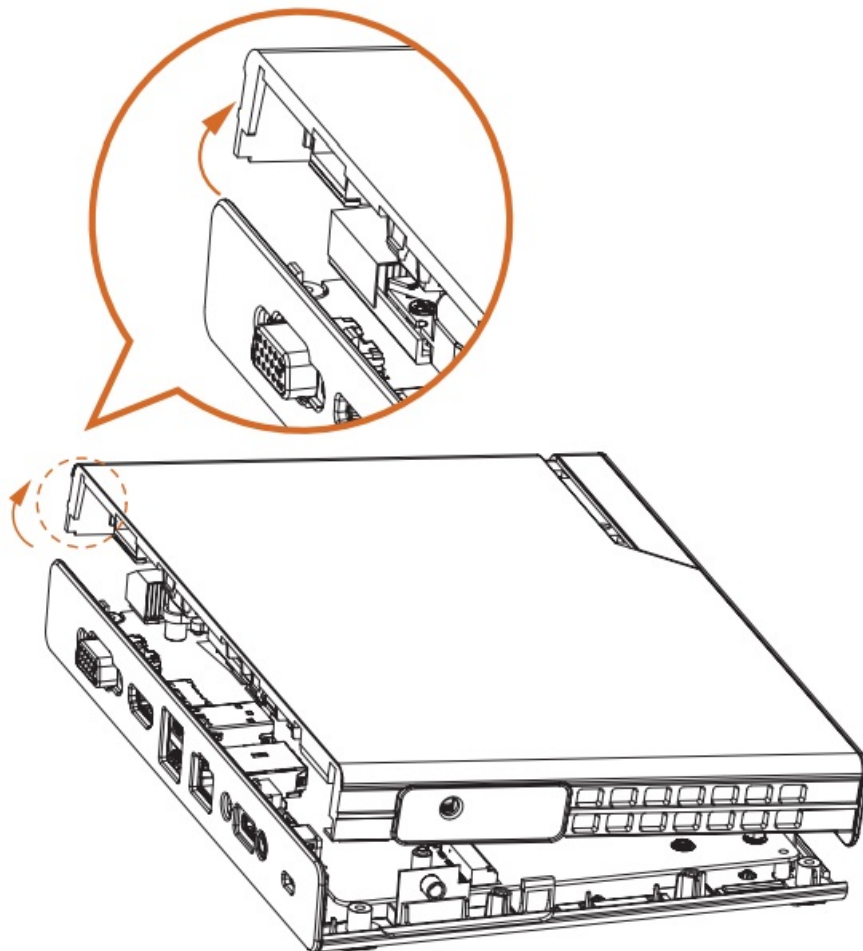
Attach the base stand to the unit, then hand tighten the screw.



### Key Parts Installation

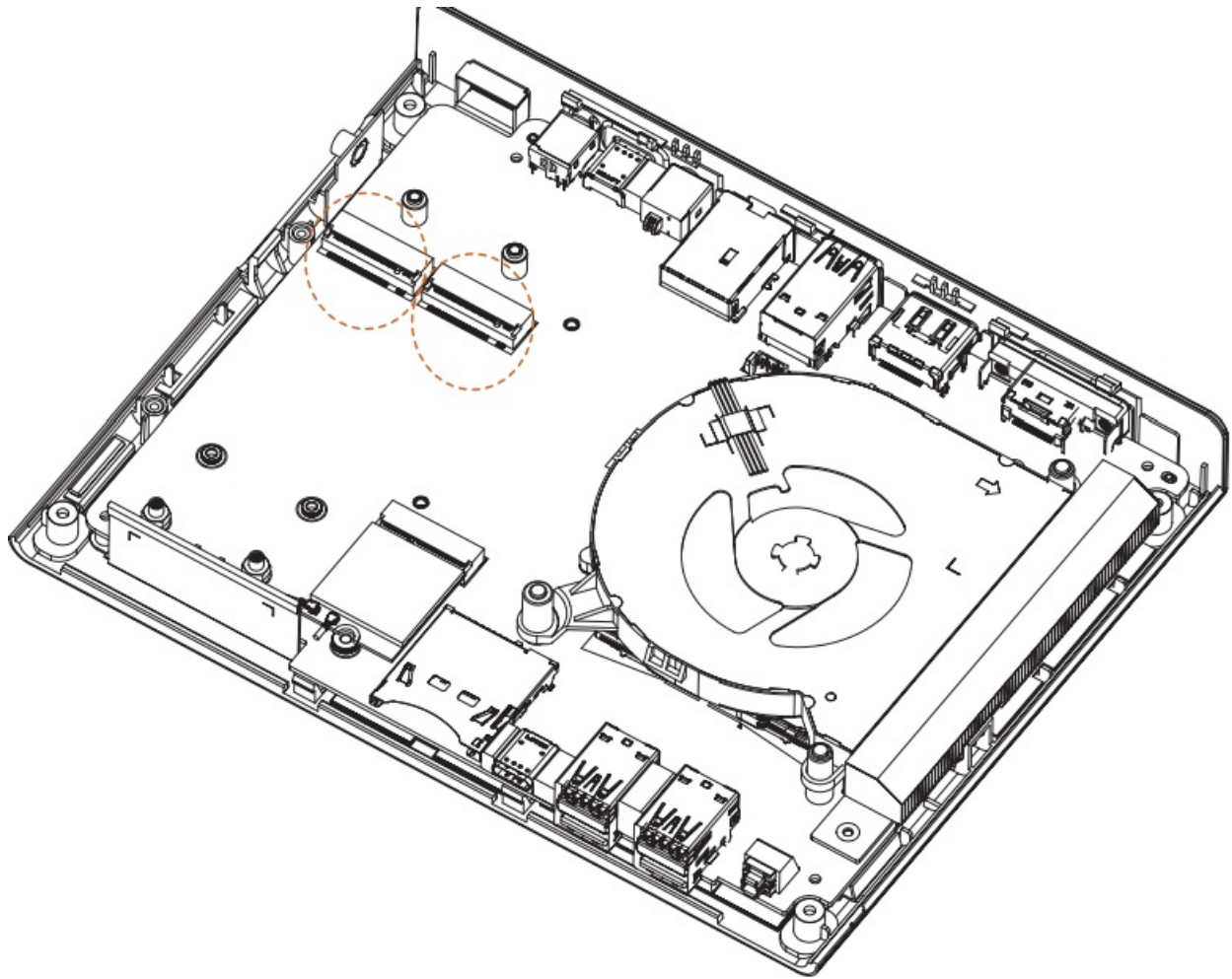


To remove the top case, place your fingers in the edge as shown in the image below. Then, lift the cover.

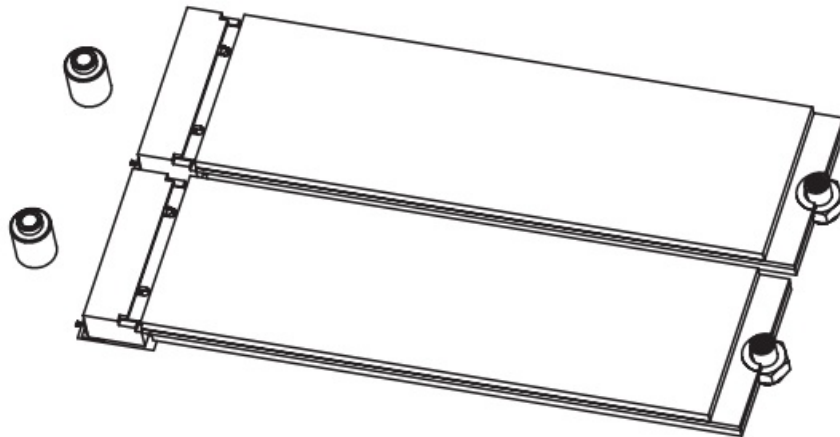


## Installing the M.2 SSD

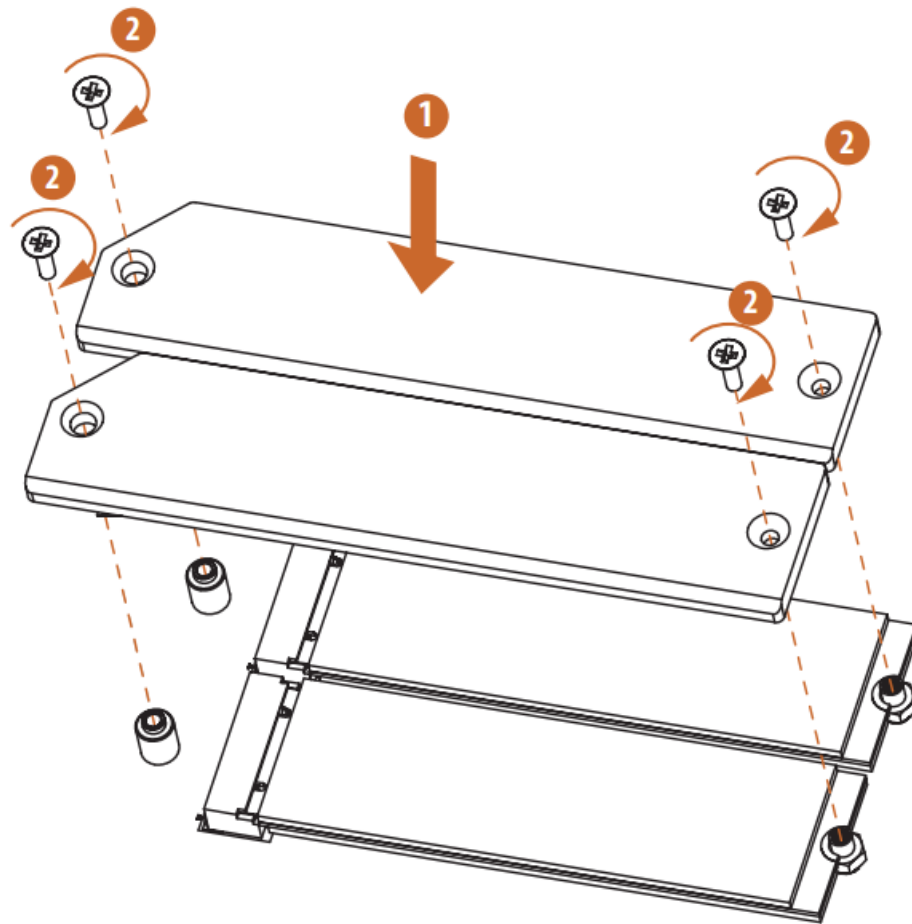
1. Locate the M.2 Slots on the motherboard



2. Carefully insert the M.2 SSD into the slot.



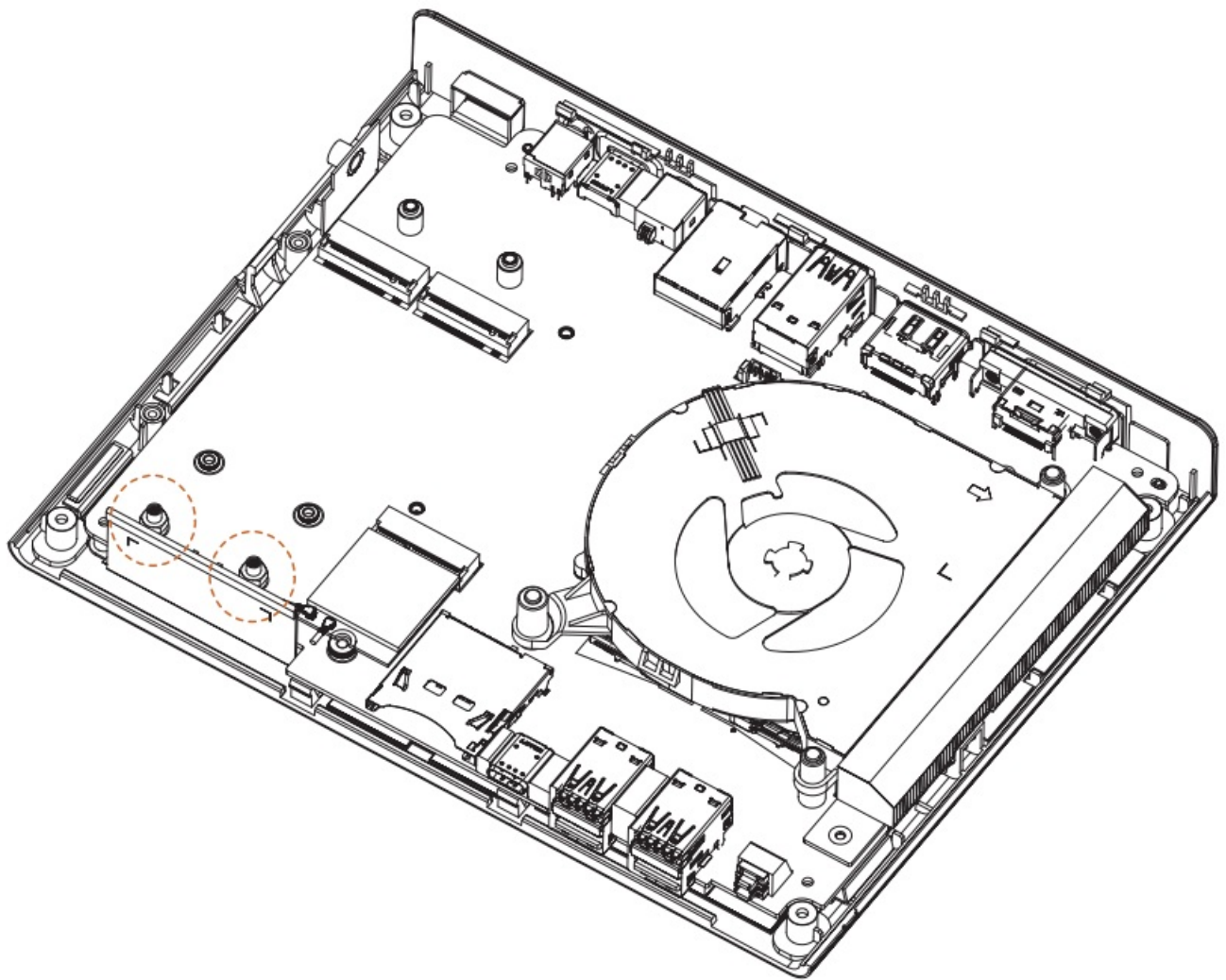
3. Prepare the M.2 heatsink and screws that come with the package. Before securing the M.2 heatsink, make sure to align the notch on the SSD to the standoff on the motherboard. Then tighten the screws with a screwdriver to secure the M.2 heatsink into place.



If you are not using the M.2 heatsink, follow the steps below to install your M.2 SSD.

1. Remove the pre-installed standoffs and keep them for later use.



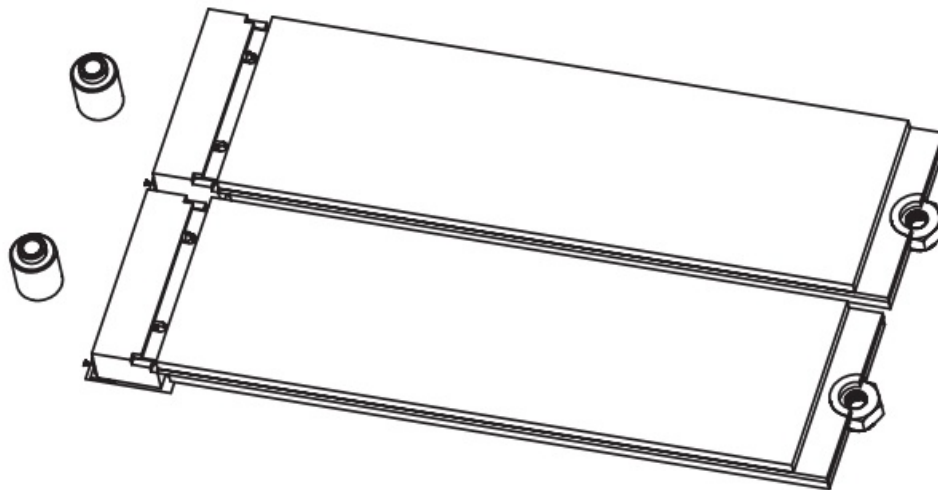


2. Prepare the M.2 standoffs that come with the package, and hand tighten them into the nut.



3. Carefully insert the M.2 SSD into the slot. Then tighten the screw that comes with the package to secure the M.2 SSD to the motherboard.





## Documents / Resources



### [MARS RPL Series Small Form Factor PC](#) [pdf] User Manual

RPL Series Small Form Factor PC, RPL Series, Small Form Factor PC, Form Factor PC, Factor PC

## References

- [dtsc.ca.gov/hazardouswaste/](https://www.dtsc.ca.gov/hazardouswaste/)
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