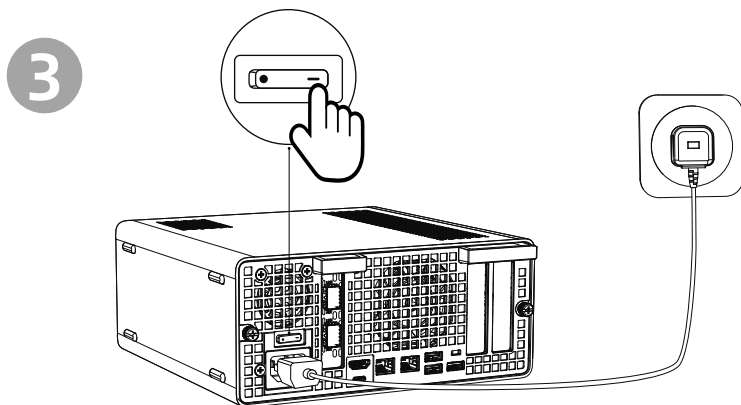
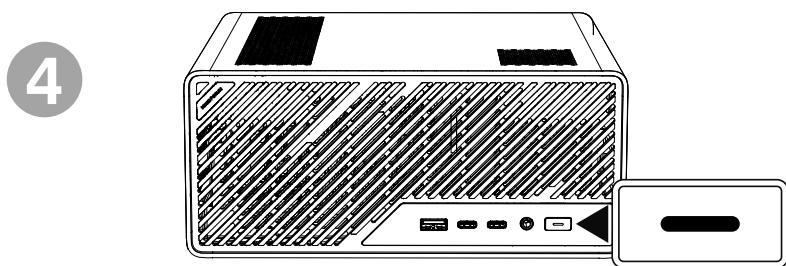




Connect the provided power cord to your Mini PC.
Make sure that the AC power switch is in the "-" on position.



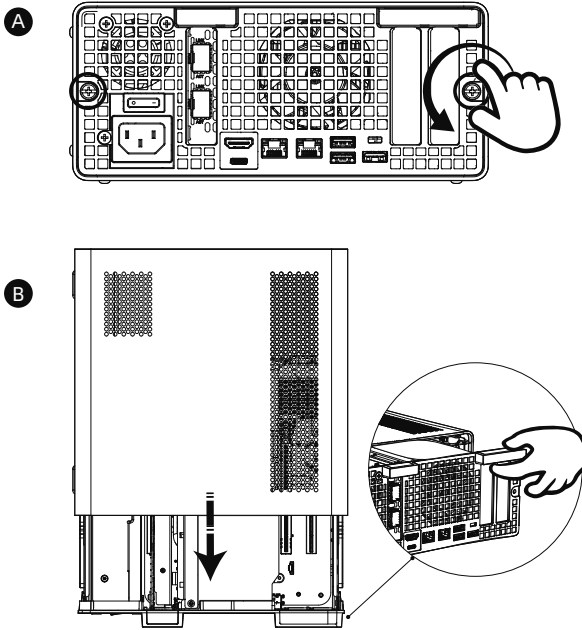
Turn on the power and start the Mini PC.

If the Mini PC is frozen or slow to respond, press and hold the Power button at least for 10 seconds to force it shutdown.

To put your Mini PC on Sleep Mode, press the Power button once.

Installation Guide

- 1 Then remove the hand-tightened screws and pull out the mainboard slot.

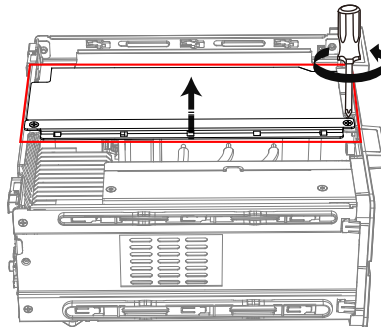


DIY DDR

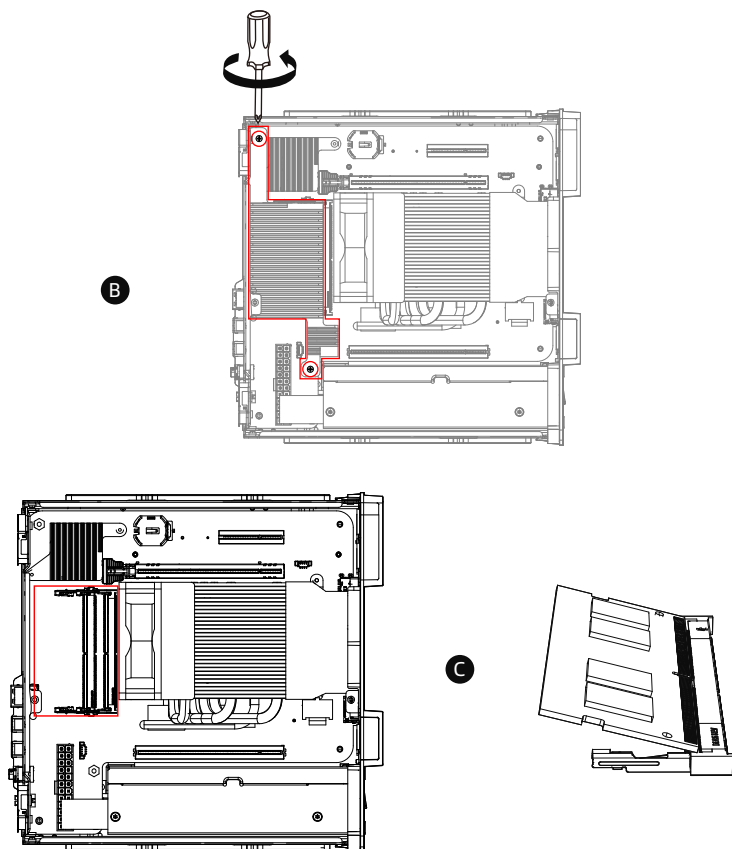
Important! MS-02-Ultra has 4 memory slots, supporting a maximum capacity of 256GB ECC. The two memory slots located on the CPU side are the main memory slots. If only two memory banks are used, they must be inserted into the slots on the CPU side.

- 2 Use a tool to remove the fixing bracket and memory heatsink. Install the Memory into the SODIMM Slot by inserting it slantly into the buckles on both sides and fix it.

Front

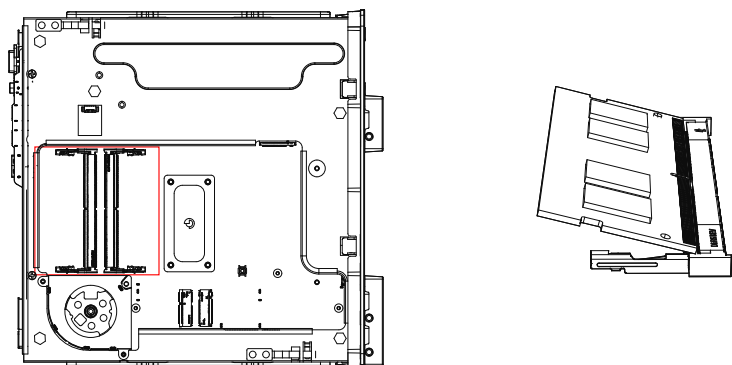


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- 3 Install the Memory into the SODIMM Slot by inserting it slantly into the buckles on both sides and fix it.

Back

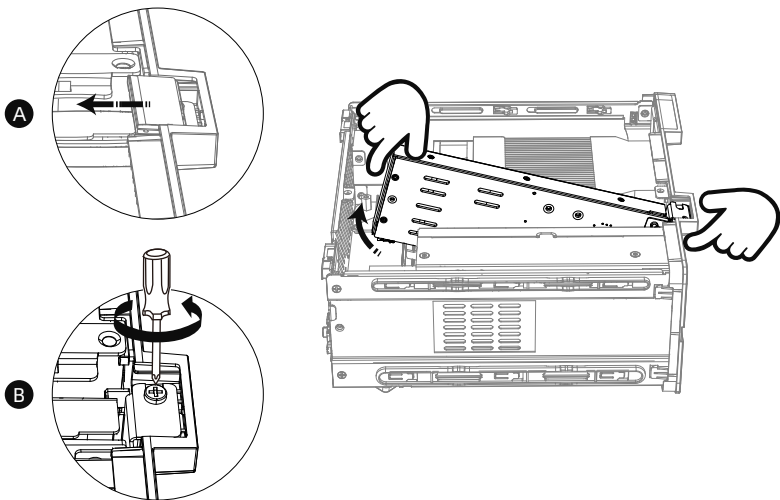


SSD on the DIY-specific PCIe
to 25G+2xNVMe adapter card

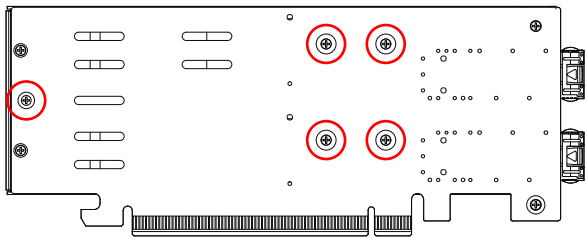
Front

Note: *A PCIe to 25G+2xNVMe adapter card dedicated to the MS-02-Ultra will only be included with devices equipped with the 285HX.

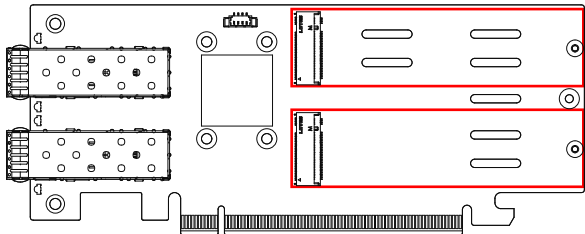
- 4 Slide open the PCIe bracket, use a tool to remove the PCIe fixing screws, and take out the PCIe to 25G+2xNVMe adapter card.

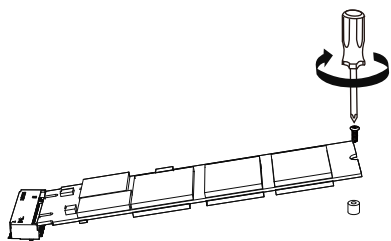


- 5 Use a tool to remove the fixing screws from the PCIe to 25G+2xNVMe adapter card.

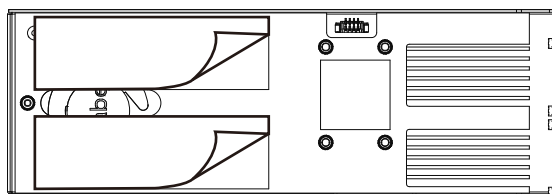


- 6 Align the SSD card with the notch in the card slot and insert it at an angle, then secure it with screws.

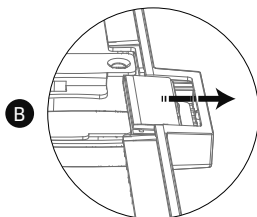
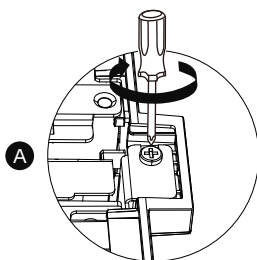
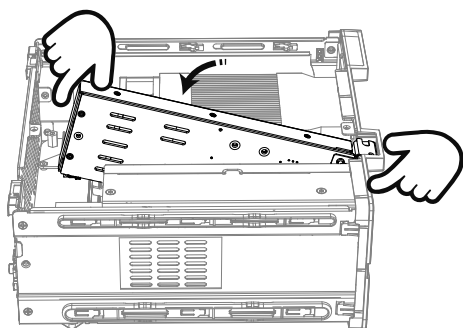




- 7 After mounting the SSD card, remove the protective film from the heatsink on the other side of the casing. Then, use a tool to re-lock the PCIe to 25G+2xNVMe adapter card.



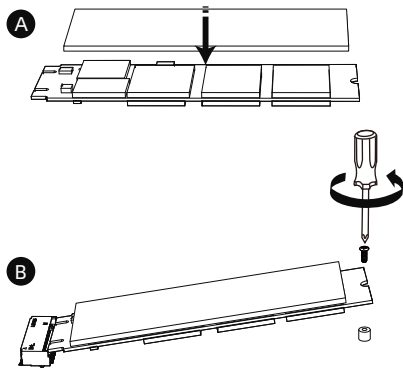
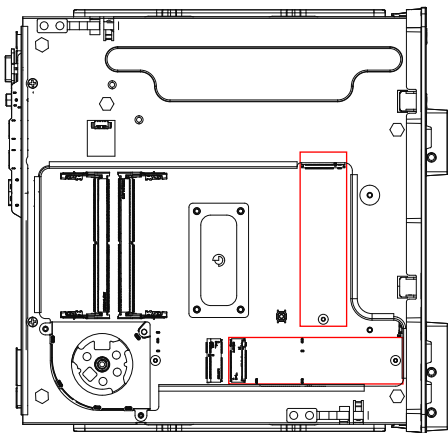
- 8 Insert the PCIe to 25G+2xNVMe adapter card into the proprietary PCIe x16 slot, tighten the PCIe fixing screws, and install the PCIe bracket.



DIY onboard SSD

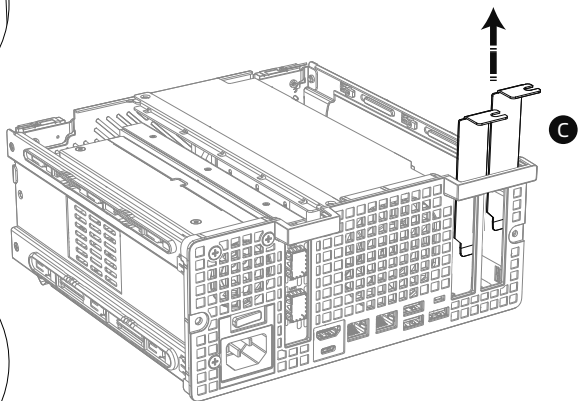
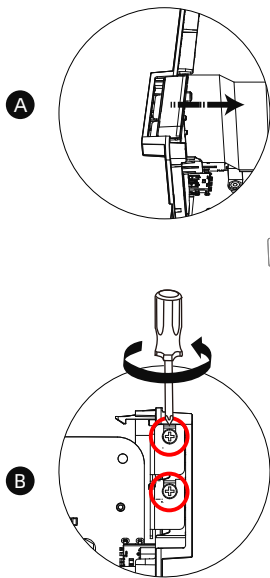
- 9 Attach the heatsink to the SSD card. Align the SSD card with the notch in the card slot and insert it at an angle, then secure it with screws.

Back

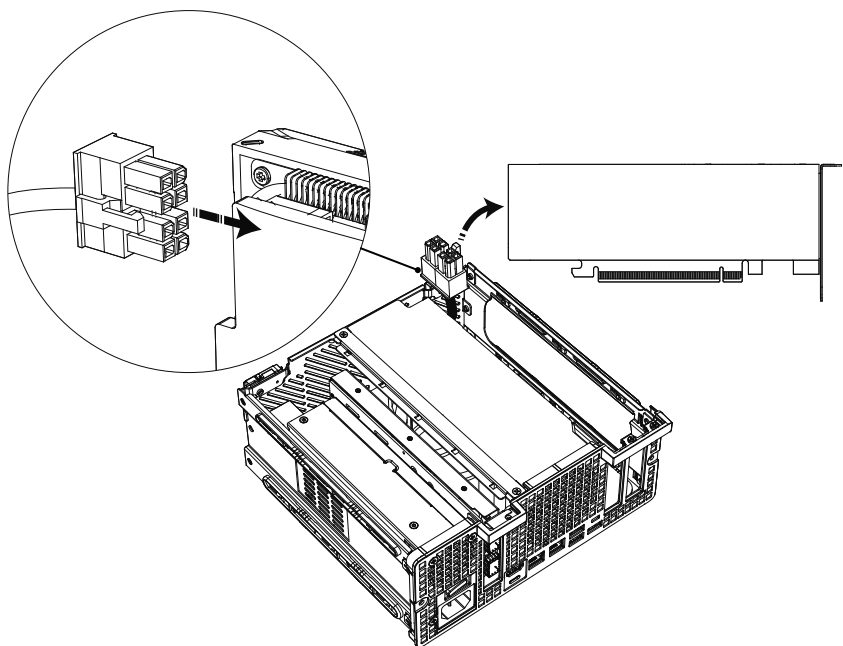


DIY PCIe device (taking PCIe x16 slot as an example)

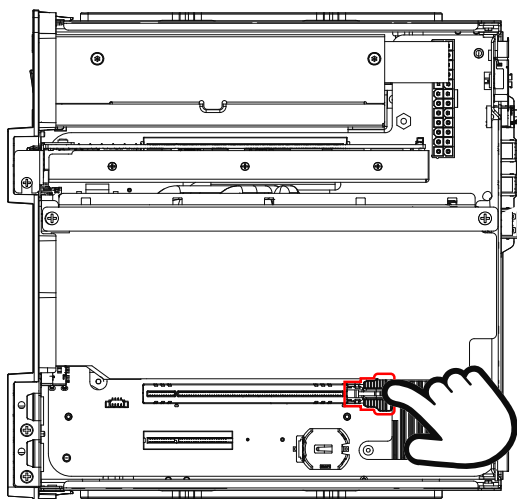
- 10 Slide open the PCIe bracket, use a tool to remove the PCIe fixing screws, and take out the decorative PCIe cover.



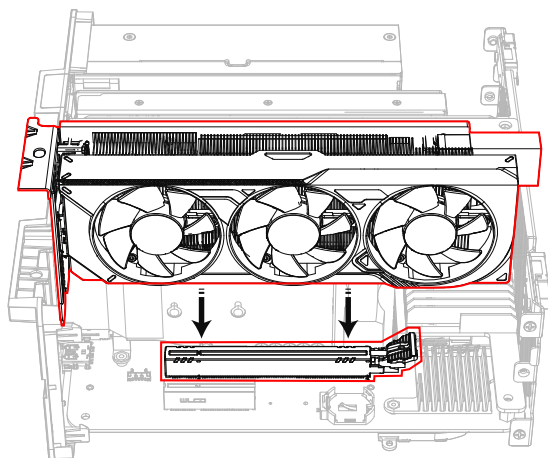
*If the PCIe card requires separate power supply, make sure to connect the cable for separate PCIe power supply from the PSU first.



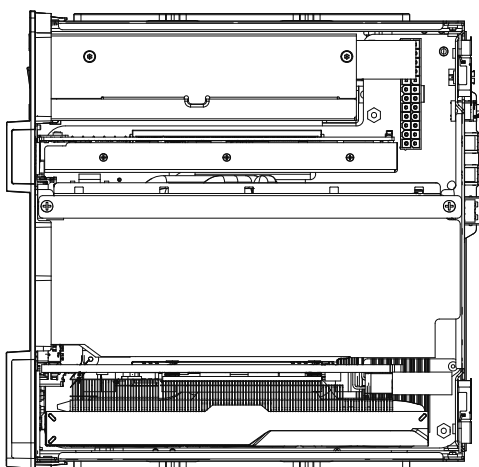
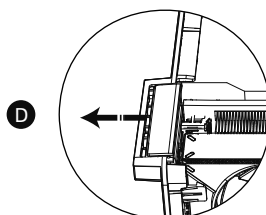
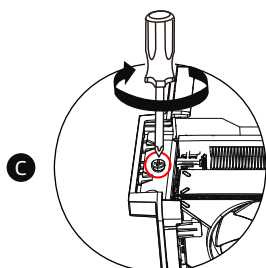
- 11 Unlock the PCIe x16 slot, insert the PCIe card, and tighten the fixing screws.



A

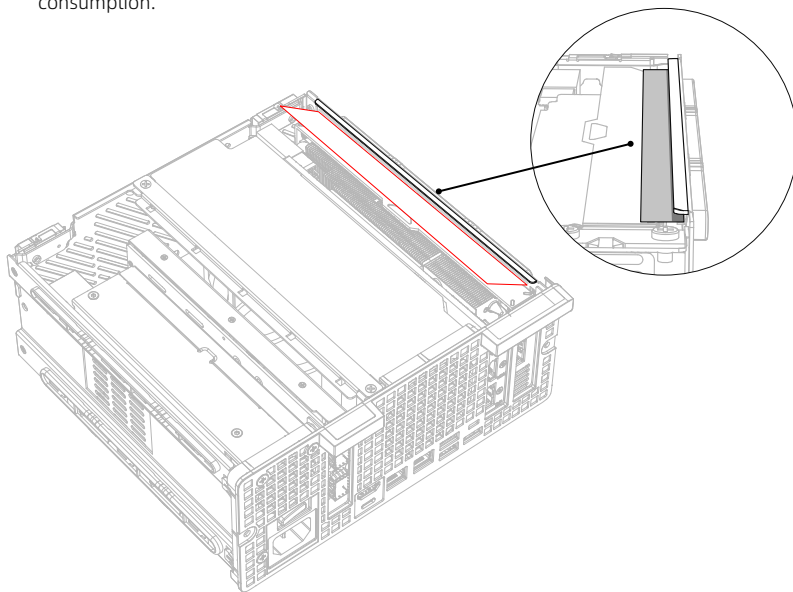


B

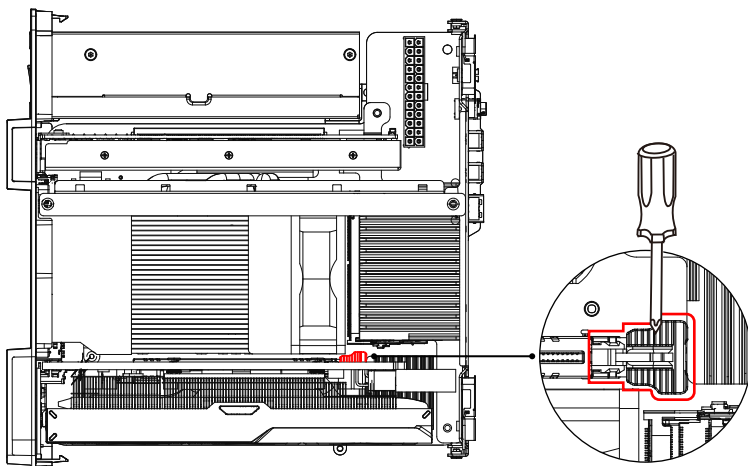


- 12 After installing the PCIe card, insert the mylar sheet from the accessory bag at an angle into the gap and then stick it onto the PCIe card.

Important! This is to prevent the hot air from the graphics card exhaust from being sucked back into the graphics card fan, which could cause a decrease in power consumption.



Warning! To remove the PCIe x16 slot, use a thin tool to unlock the PCIe slot first.



联系信息

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售后技术支持

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电话：400-090-9901

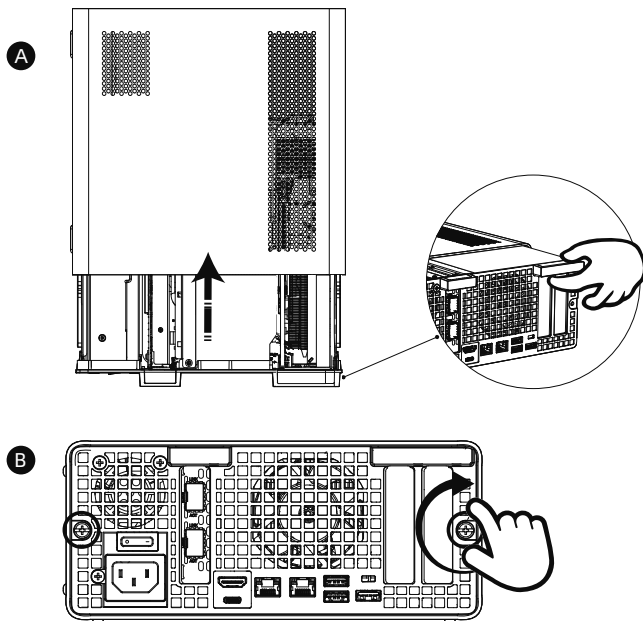
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TEL：852-23860910

Online Technical Support

Website：<https://www.minisforum.com/new/support>
Email：support@minisforum.com

- 13 After completing the installation, reattach the mainboard slot and tighten the hand-tightened screws.



FCC 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 radiocommunications. 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.

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 complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Transmitters in the 5.925–7.125 GHz band are prohibited from operating to control or communicate with unmanned aircraft systems.

This product is only suitable for indoor use only.