

52Pi

ZP-0088 Rack Tower

ZP-0088



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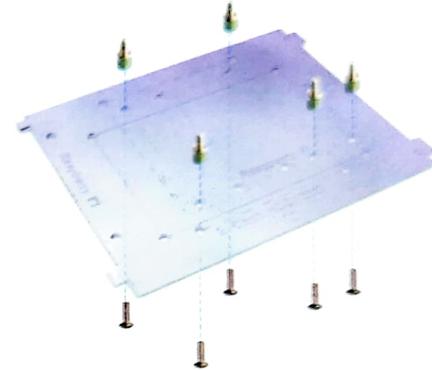
Package Includes

- One set of acrylic case
 - 1 x Acrylic Left Bezel
 - 1 x Acrylic Right Bezel
 - 4 x Acrylic middle spacer
 - 2 x Acrylic fan bracket
 - 1 x Acrylic cylinder 125mm long
- 4 x female and male rivets 130mm (for fixed bracket)
- 4 x M4×8 wide head screw (for lock female screw)
- 2 x M3×8 round head screw (for lock cylinder handle)
- 1 x 120 colored lights 5V fan
- 17 x M2.5×5+6 copper pillar (for fixing the Raspberry Pi in the compartment)
- 17 x M2.5×6 pan head screws (for the middle lock layer)
- 16 x M3×5 wide head screw (for hard disk lock)
- 17 x M2.5 nut (for the middle compartment of the lock)
- 4 x M3×30 round head screw (for 120 fan lock)
- 4 x M3 nut (for locking 120 fans)
- 1 x Long screwdriver
- 1 x Manual

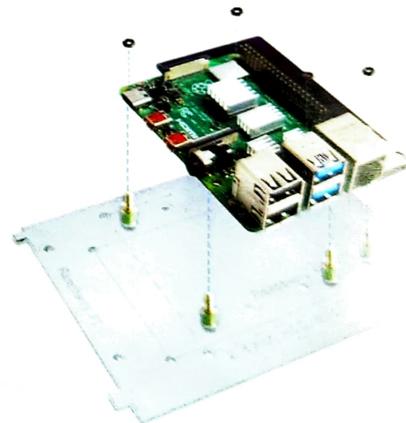


How to assemble

- Step 1: Fix the copper sticks to acrylic layer after peeling off the protection film.



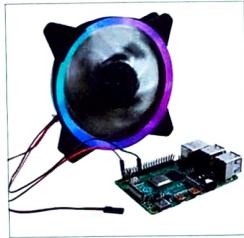
- Step 2: Paste heat sinks to Raspberry Pi and fix the raspberry pi to the acrylic layer with M2.5 nuts.



- Step 3: Fix the bracket holder to the fan with long steel screws and nuts.
- PS: Please be aware of the direction of the acrylic holder.



▲
RGB LED OFF



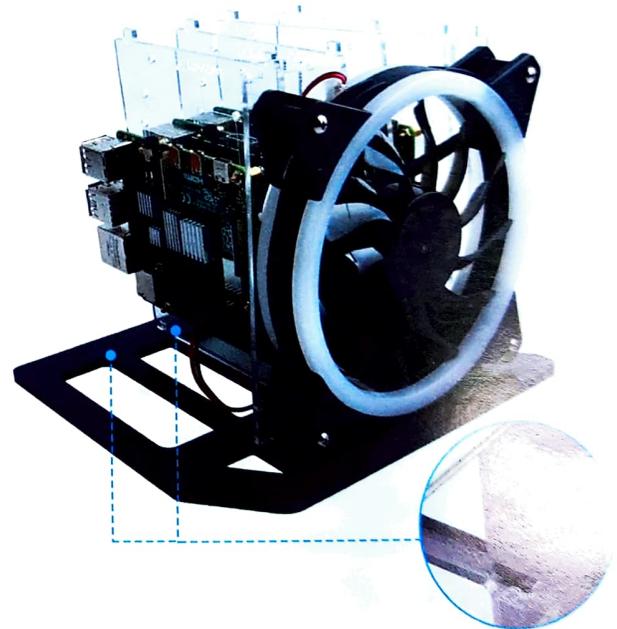
▲
RGB LED ON

The new fan allows the user to switch the LED and switch the fan at will by separating the motor from the LED. Two of the four wires are the cable of the fan, while the other two separate cables are the LED power supply cables.

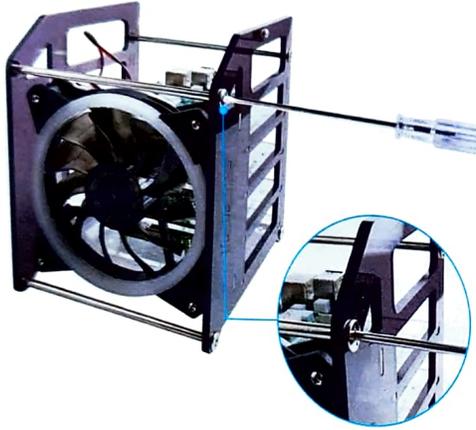
- Red Cable
 - Black Cable
- FAN
RGB LED



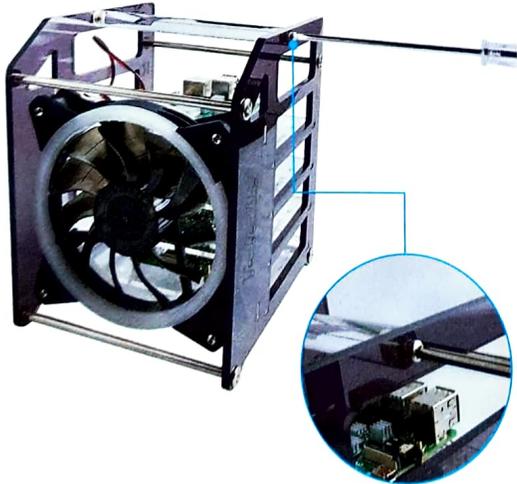
- Step 4: Fix other device as mentioned before, for example: 4 pieces of Raspberry Pi or other combinations. and then place them as following picture, please pay attention to the direction where there is a "R" mark. Connect the fan cable to Raspberry Pi on 5V and GND Pin. (Caution: Incorrect polarity may cause damage to your device!)



- Step 5: Place another pieces of acrylic layer on the top and fix it with long steel screws.

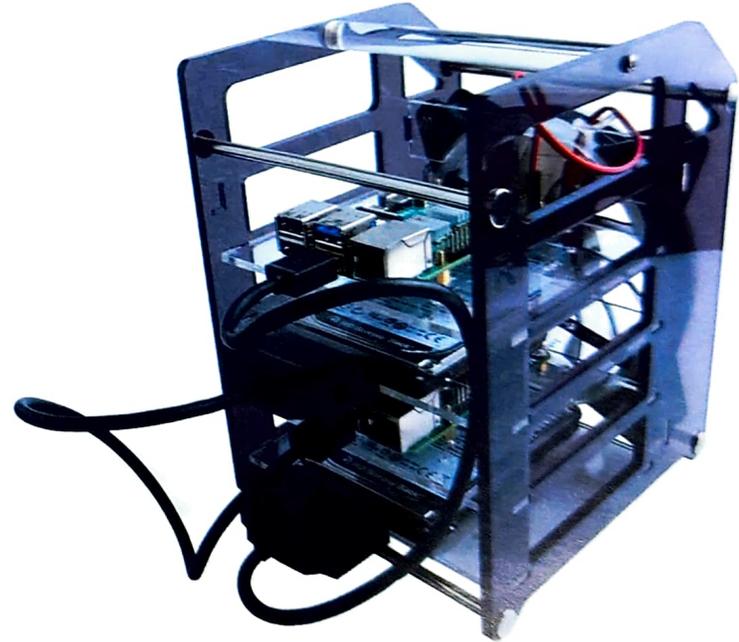


- Step 6: Install acrylic handler with M3x9mm screws.

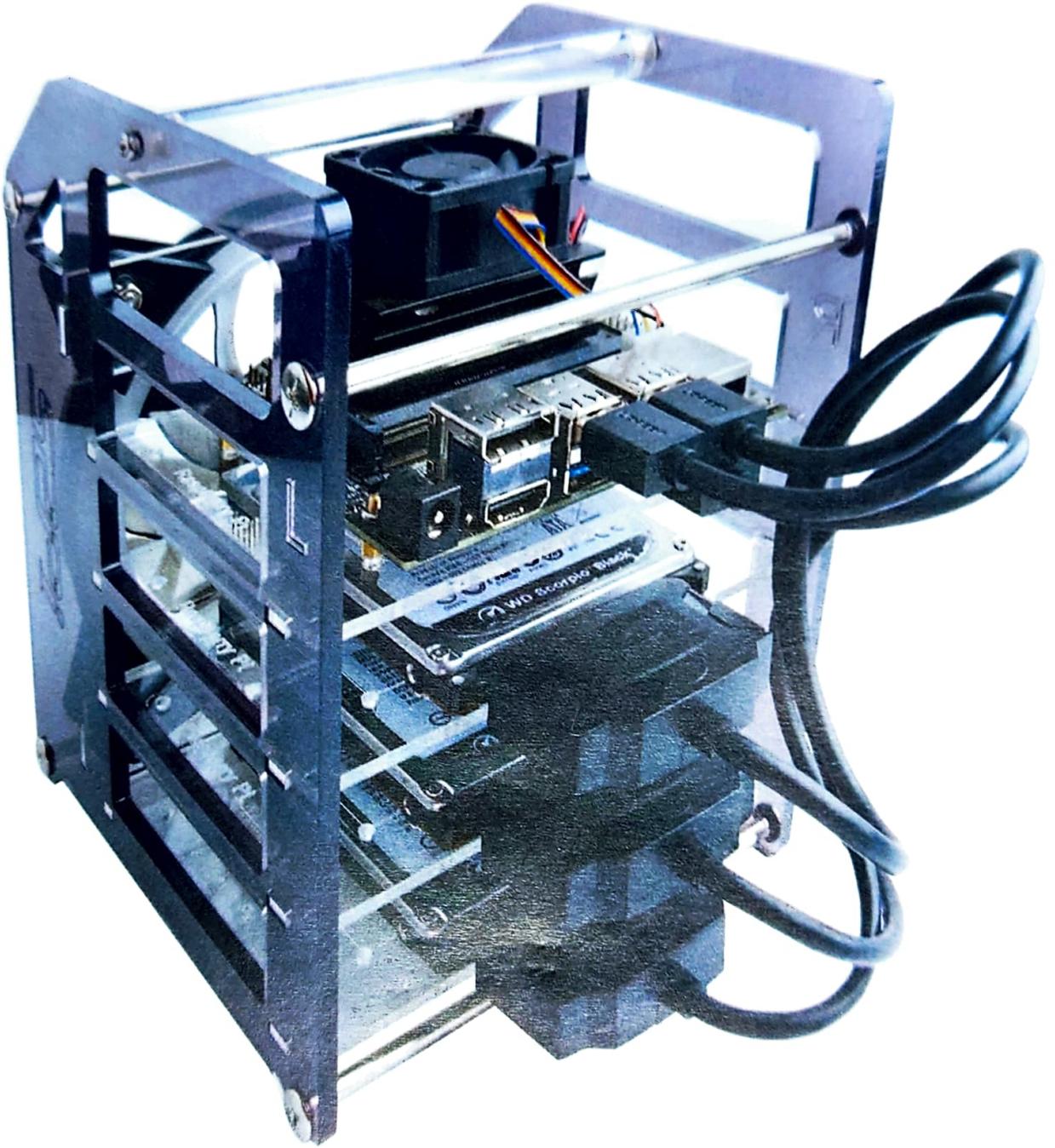


There are two popular solution for this case:

- 1. Raspberry Pi smart NAS Cluster:



- 2. Jetson Nano AI Deep Learning (Machine Learning) Cluster storage.



More Information Please visit: www.52pi.com