

# Mining Frame

For 8 GPU  
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## Product Introduction

1. It is a bare building block frame.
2. Simple aluminum profile construction
3. 20\*20 aluminum profile.
4. It can install ATX power supply. The size must be within 305x244 mm.
5. Good cooling function.

1	Model: Building Block Bare Frame Applicable Motherboard: ATX(305*244mm) Power Supply Design: Double ATX Power Supply	2	3.5" / 2.5" Bay: 2 PCS ( every kind has 2 sets of screws) PCI Expansion Slots: the Lower Level has 7 Slots/ the Upper Level can install 8 PCS of Double Slots Graphics Cards Switch Interface: Start/ Restart Switch and Indicator Light
3	Heat Dispersion: Bare Cooling Chassis Assembling: DIY Self-assembly	4	Material: Hardened Acrylic Panels & 20*20 Aluminum Profiles Dimension: L760x W360x H352mm
5	Installation Instructions x 1 Product Parts' List x 1 Assembly Parts x 1 Screws Box x 1	6	Register for 2 years warranty at <a href="http://www.aaawave.com">http://www.aaawave.com</a>

### Notice:

The case required assembly and some parts are design for one time disassembly.

Please contact us for any enquiry.

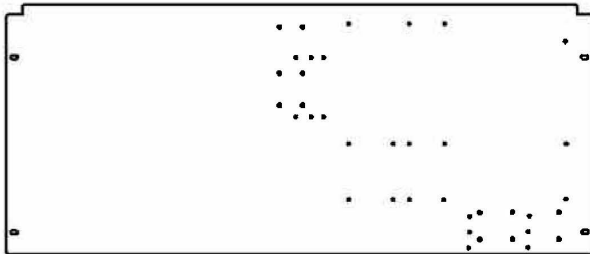
E-mail : [sales@aaawave.com](mailto:sales@aaawave.com)  
Toll free : 1-844-5729023

## Shipping List

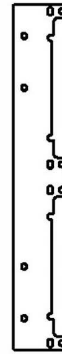
Product  
Name

Mining Frame

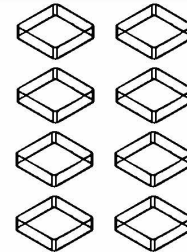
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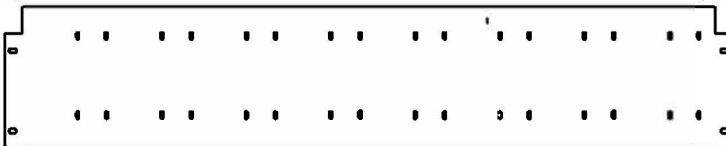
**B1** Mainboard Fixing Plate



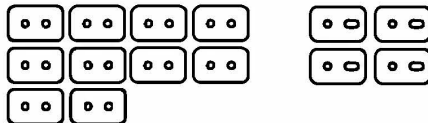
**P2** Power Supply  
Fixing Strip



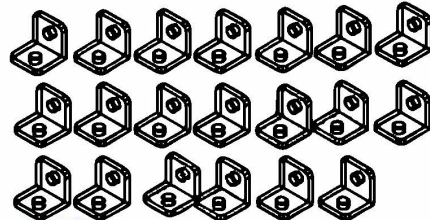
**D6** Square Aluminum  
Rod End Cap



**B2** Graphics Card's  
Fixing Plate



**P3** Fan Fixing Plate

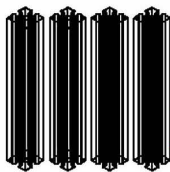


**D5** L-shape Corner  
Pieces 20PCS

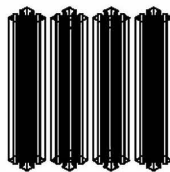
Gloves	1 Set
Single-wire Switch	1 Set



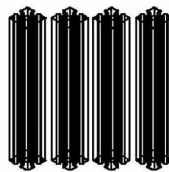
**P1** PCI Fixing Strip



320MM/4PCS



352MM/4PCS



720MM/4PCS

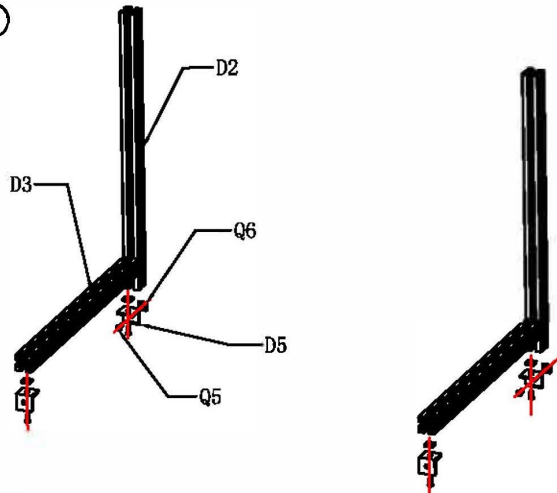
### Screws List

Note: The screw models are only for reference.

Hexagon Socket Head Cap Screw Wrench		
Qdiy 10		Fan fixing screw
Qdiy 09		PCI-E cable fixing screw
Qdiy 08		P1 Graphics Card Fixing Screw
Qdiy 07		B1/B2/P2 Fixing Screw
Qdiy 06		Square Nut
Qdiy 05		D5 L-shape Corner Fittings Fixing Screw
Qdiy 04		Power Supply Fixing Screw + Washer
Qdiy 03		B1 Panel 2.5" SSD Fixing Screw
Qdiy 02		B1 Panel 3.5" HDD Fixing Screw
Qdiy 01		Motherboard Fixing Screw

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1. Installing Q6 square nut and Q5 screw to D5 L-shape corner piece, install 4 sets, two sets need to install two pairs of screws and nuts, the rest two need to install one pair of screw and nut.
2. Determining the placement of D2 aluminum column, embedding the L-shape corner piece to the end of D2 which shown in the picture, putting the bottom edge of D5 under the below of D2, then tightening Q5 screw.
3. Embedding the one pair of screw and nut's L-shape corner piece to D3 bottom edge, let the L-shape corner piece is flush with the end face of D3, tightening the Q5 screw.

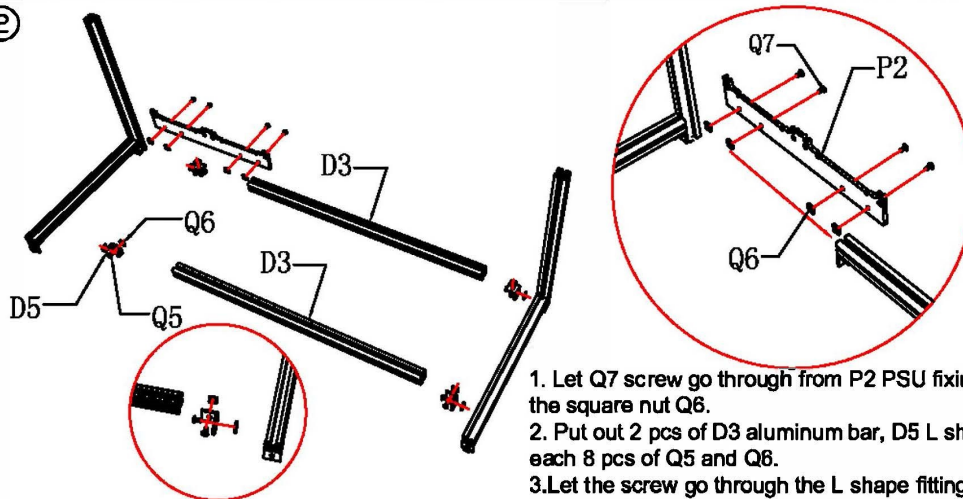
Note: 1. All parts of quantity and direction are shown in the picture;

2. Using hexagon socket head cap screw wrench to tighten the L-shape corner piece's screws;

3. when fixing L-shape corner piece to aluminum rod, the square nut should be embedded in the side of the aluminum rod, slid it to the corresponding position, tighten the screws (If have square nuts in the following step, please install them as the same way).

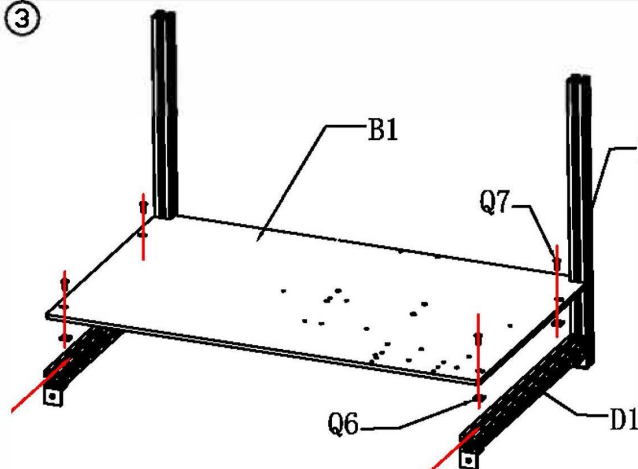
4. Don't need to tighten the combined nut and screw, it will be convenient to install in next steps.

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1. Let Q7 screw go through from P2 PSU fixing strip and tighten the square nut Q6.
2. Put out 2 pcs of D3 aluminum bar, D5 L shape corner fitting, each 8 pcs of Q5 and Q6.
3. Let the screw go through the L shape fitting corner, insert the square nut into aluminum bar, then fixing them.

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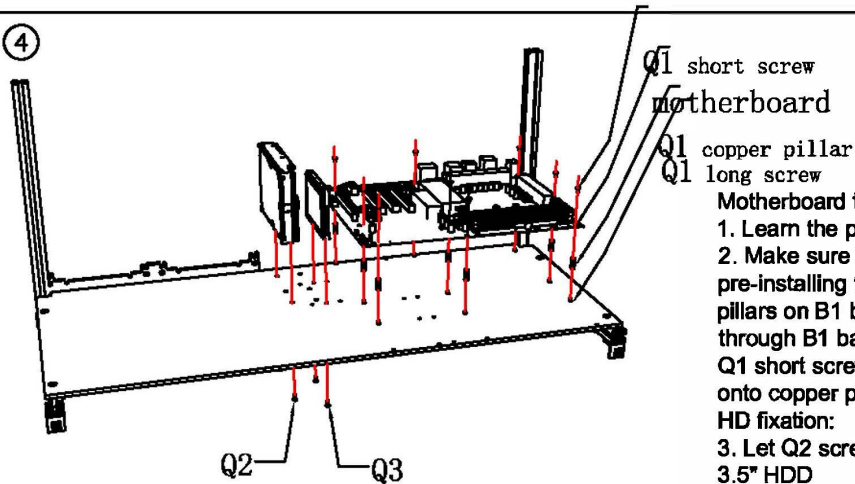


1. Let Q6 square nut and Q7 screw together install onto the B1 baseboard.

2. According to the left picture position, insert B1 baseboard onto D1 aluminum bar, once they are fitting, tightening the Q7 screw.

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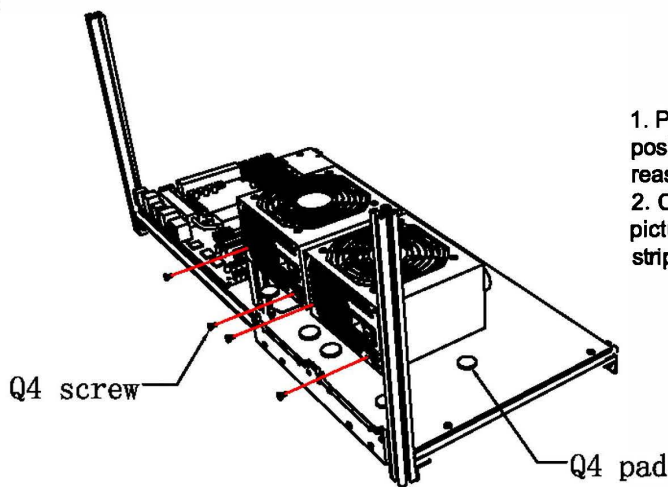
#### Motherboard fixation:

1. Learn the positioning hole on the B1 baseboard.
2. Make sure the direction of baseboard, and pre-installing the Q1 motherboard supported copper pillars on B1 baseboard, let Q1 long screw go through B1 baseboard and fix Q1 copper pillar, let Q1 short screw go through motherboard and fix onto copper pillar.

#### HD fixation:

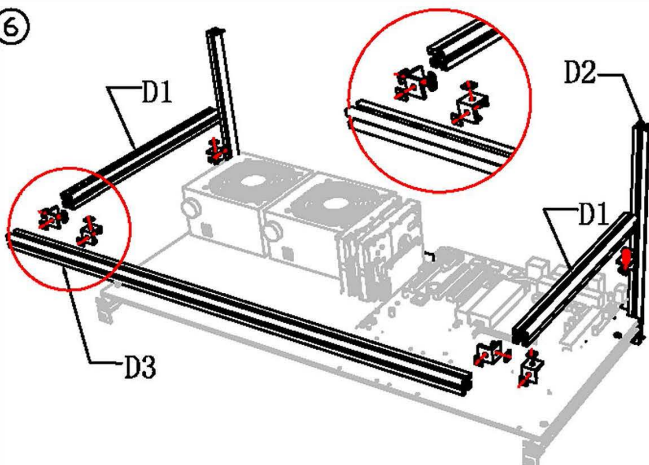
3. Let Q2 screw go through B1 baseboard and fixing 3.5" HDD
4. Let Q3 screw go through B1 baseboard and fixing 2.5" SSD

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1. Paste Q4 pad under the bottom of PSU, the position is not limited, but pls let the distribution reasonable;
2. Confirm the installation position for the PSU (as the picture show), install the PSU onto P2 PSU fixing strip, use Q4 screw to fasten.

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1. Installing the Q6 square nut and Q5 screws to the L-shaped corner pieces, install 5 spare sets.

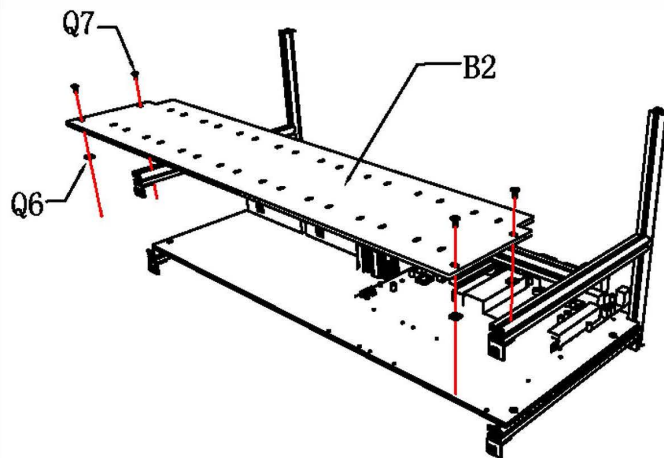
2. Determine the placement of D1 aluminum column, as shown in the picture, embedding L-shaped corner pieces into the both end of D2, when D1 and D2's side end surface fit, tightening the Q5 screws (specific placement is not limited, but note rationality).

3. Connecting D3 aluminum column with 2 PCS of D1 aluminum column (specific placement is not limited, you can adjust it according to the fixing plate at follow-up step), tighten the Q5 screws on L-shaped corner pieces.

Note: D3 aluminum column need to adjust to below the fixing plate to support it.

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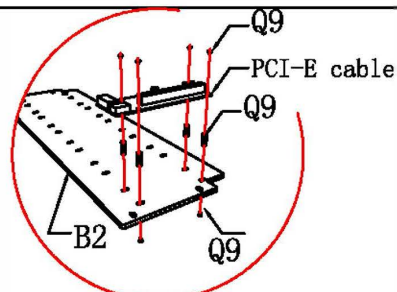
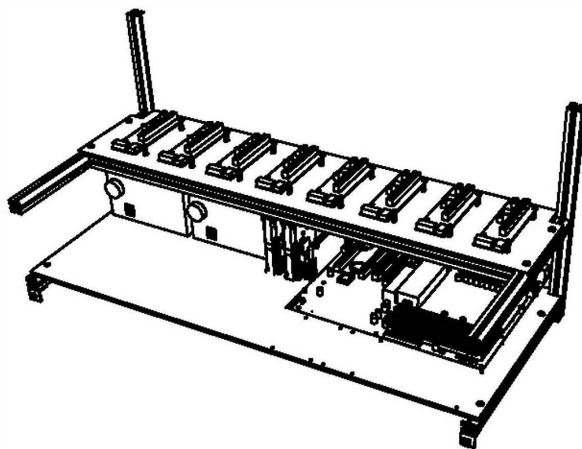


1. Let Q6 square nut and Q7 screw together install onto the B2 graphics card fixing plate.

2. According to the left picture show, insert B2 plate onto D1 aluminum bar.

3. Once they are fitting, tightening the Q7 screw.

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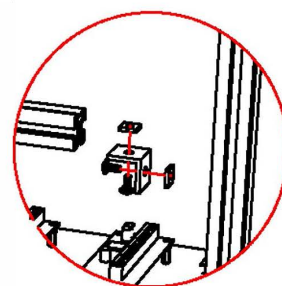
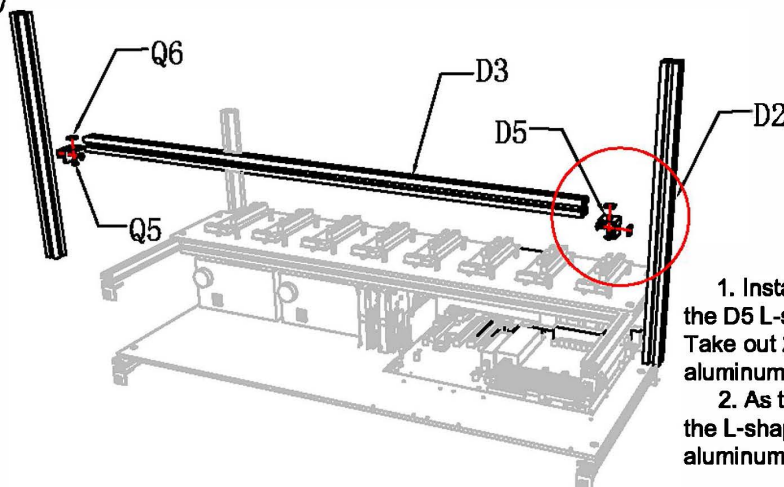


### USB PCI-E cable fixation

1. Determine the orientations of the B2 graphics fixed plate.

2. Installing the USB PCI-E cable onto B2 plate, use Q9 screw to fasten ( let the long screw go through B2 plate and fasten the copper pillar, let the short screw go through the USB PCI-E cable and fasten it on the copper pillar)

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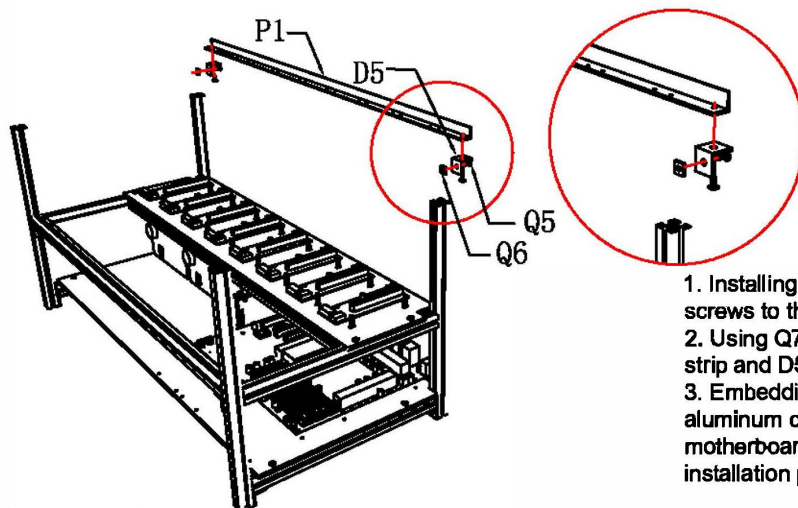


1. Installing the Q6 square nut and Q5 screws to the D5 L-shaped corner pieces, install 2 spare sets. Take out 2PCS of D2 aluminum column, 1 PC of D3 aluminum column.

2. As the picture show, let the screw go through the L-shaped corner piece, insert the nut into aluminum column and fasten them.

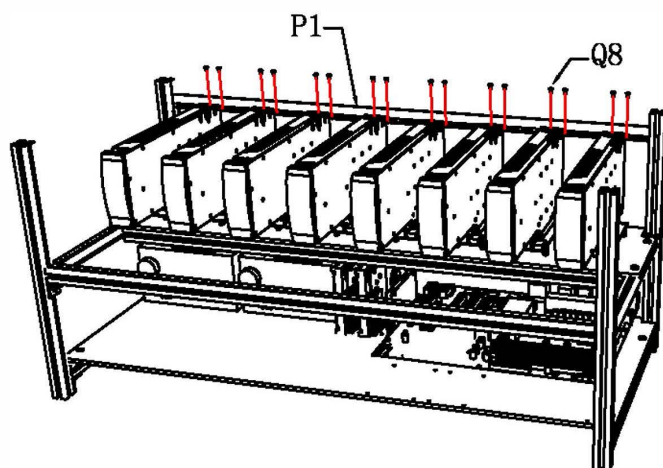
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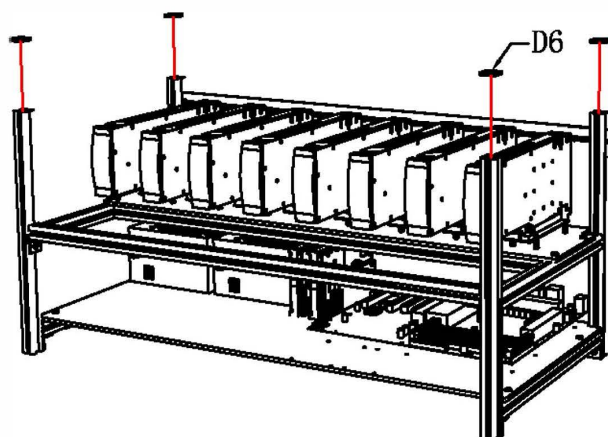
1. Installing the Q6 square nut and Q5 screws to the D5 L-shaped corner pieces.
2. Using Q7 screw to fasten P1 PCI fixing strip and D5 L-shaped corner pieces.
3. Embedding P1 PCI fixing strip into D2 aluminum column, according to the motherboard's PCI height to confirm the P1 installation position, tightening Q5 screws.

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1. Installing the graphics card onto B2 plate,
2. using Q8 screw to fasten the graphics card.

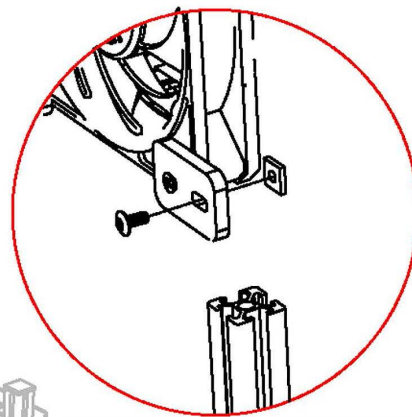
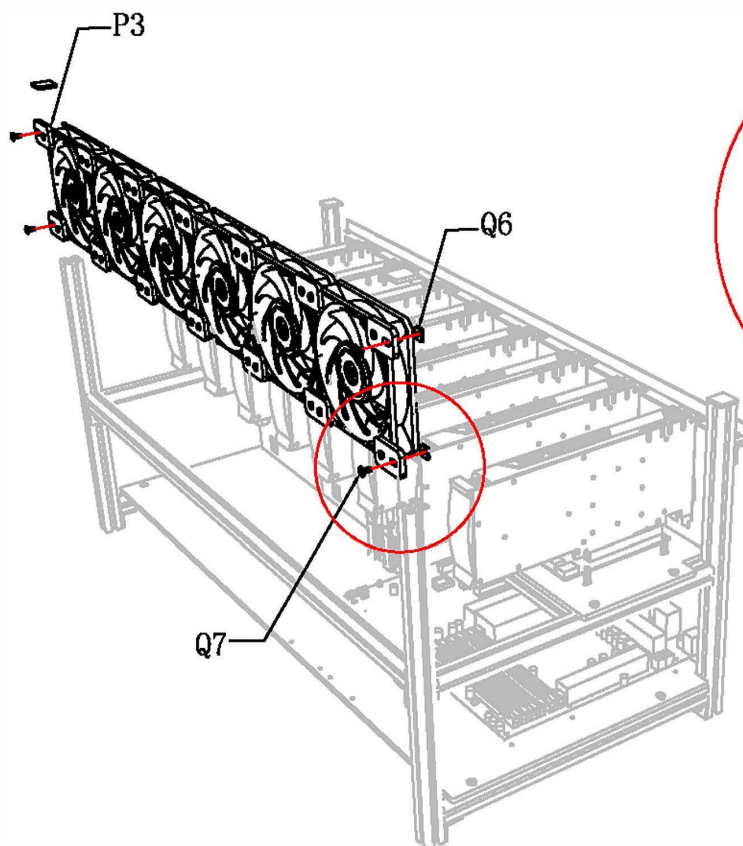
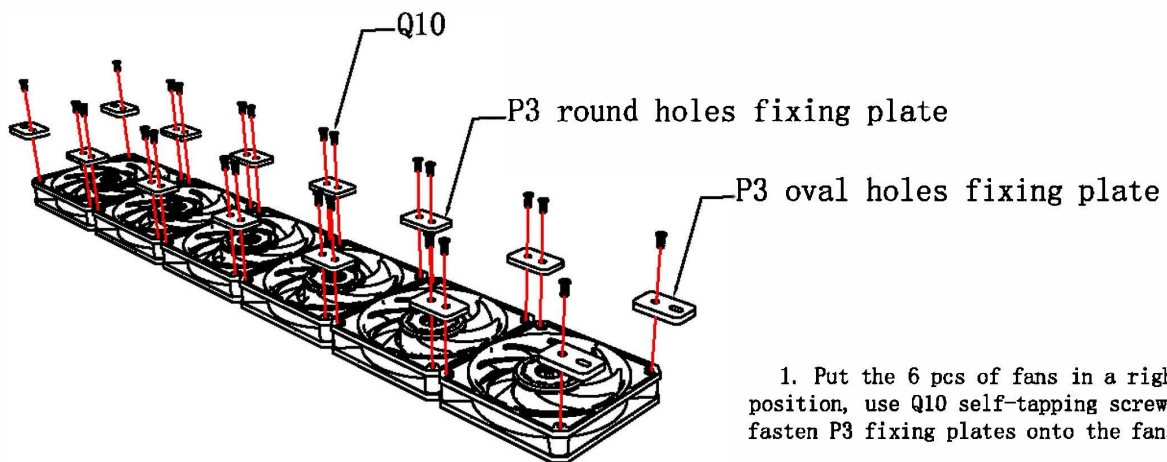
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1. Installing the D6 end caps to the aluminum columns.
2. Finish.


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## Fan Fixing



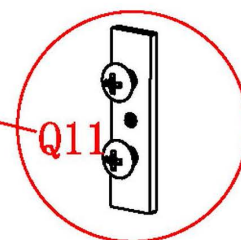
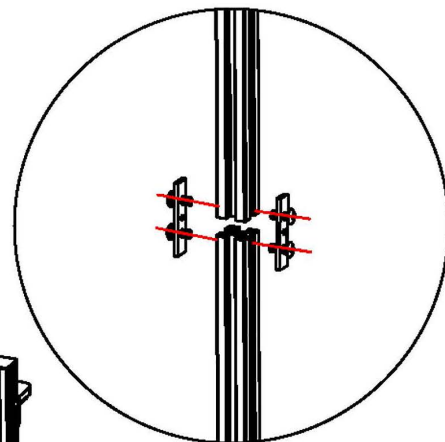
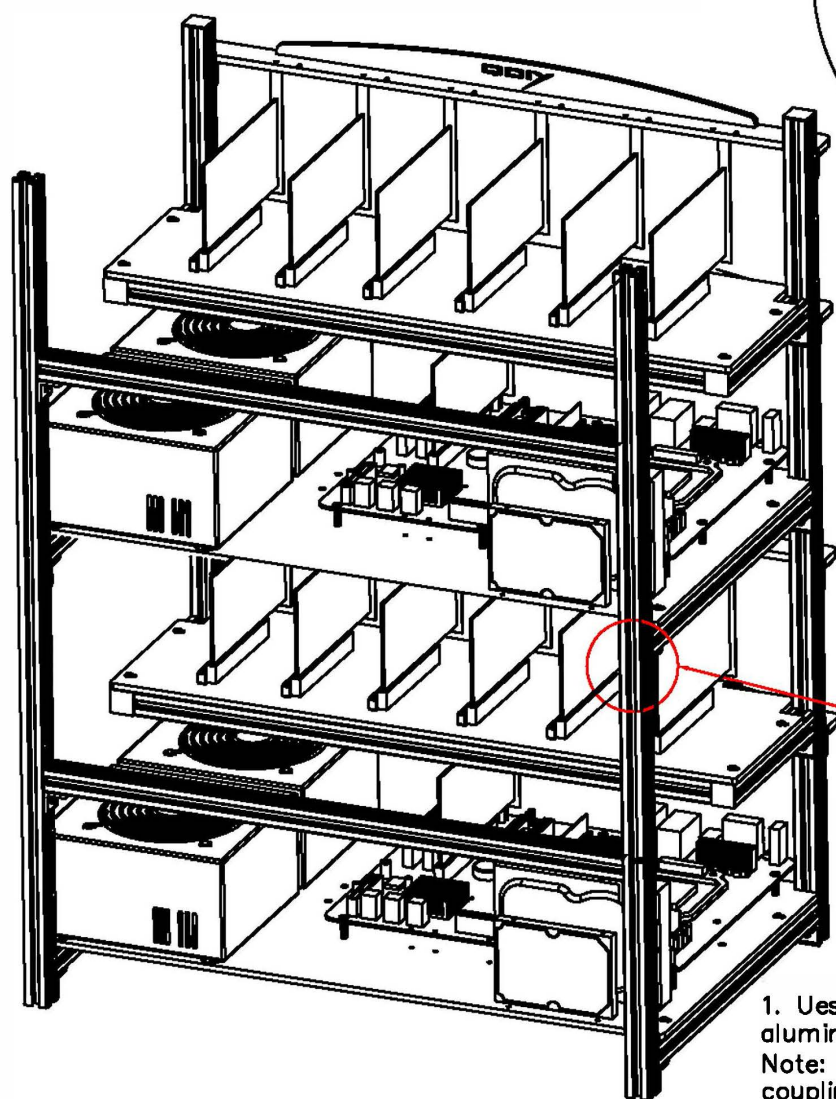
1. Let Q7 screw go through the P3 fixing plate, fasten Q6 nut ( don't tighten them, need to insert Q6 into aluminum column )
2. Insert Q6 nut into the aluminum column, tightening Q7 screw.

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Qdiy 12  aluminum column connect screw

Qdiy 11  aluminum column connect nut

## Stackable Fixation



1. Use Q11 to connect the stack aluminum column.  
Note: Aluminum column's Q11 coupling nut needs to be installed on both sides of the columns, which need to overlap, tightening the screws.