New approach M4 mini ATX
all-round steel cannon

Model 4
User Guide

CONTENTS

SPECIFICATIONS

Case Type	Mid-Tower
Materials	Steel 1.0mm/1.2mm,Tempered Glass T3.0mm
Product Dimension (H x W x D)	(395~430) mm × 215mm × 410 mm (15.6"~16.9") × 8.5" × 16.1"
Drive Bay	Max: 2 × 3.5" / 4 × 2.5"
M/B Compatibility	E-ATX (12" × 11") , ATX , M-ATX , ITX
Power Supply Compatibility	PSII:Horizontal installation length < 150mm Vertical installation length < 180mm (PSU > 180mm,graphic card length < 310mm)
I/O Ports	USB 3.0 × 2, HD Audio(CTIA two-in-one headphone/microphone),Type-C
Expansion Slots (Maximum Space)	PCI-E x 7:Length<405mm / Width <168mm Lateral PCI-E x 2: Length<405mm (No bottom fans) / height < 50mm
Thermal Solution	Top : 120/140mm fan×2 Lifting mode:240mm Radiator (Length < 306mm/Width < 173mm/Thickness < 66mm) Rear : 120mm Fan x 1 120mm Radiator Bottom:120mm Fan x 3/140mm Fan x 2 360 Radiator (Length<400mm /Width < 126mm/Thickness < 77mm) Footstand inside : 120mm Fan x 3/140mm Fan x 2
CPU Heatsink	Height<164mm

FEATURE

PARTS KIT INCLUDES

Multiple installation modes	Up to 4 installation modes,it could be large or small
All-round steel cannon	MATX volume,but E-ATX Compatibility
Durable Materials	1.0mm+1.2mm steel plate
Excellent Heat Dissipation	Support 360+240 radiators, 360 radiator could be easily added a row of fans just like hamburger
Rich I/o Extension Ports	Equipped with USB3.1 Type-C 10Gbps
Superior Compatibility	Support Giant graphics card with 405mm × 4 slots

Socket Head Cap Screw
Function:The spare screws
Remark: #6-32
Quantity:5

Power Cable Tie
Function:Arranging PSU cable
Remark:D77 x W20 x H20
Quantity:1

Copper Stud
Function:Fix the motherboard
Remark:Outside #6-32 / inside M3
Quantity:3

3.5"HDD Screw
Function:3.5 Hard Disk/
          Graphics Card/PSU
Remark:#6-32
Quantity:19

Nylon Cable Tie
Function:Arranging cables
Remark:L 150
Quantity:8

Copper Stud Cover
Function:match with copper stud
Remark:PH2
Quantity:1

Round Head Screw
Function:Motherboard/ 2.5 Hard Disk
Remark:M3
Quantity:19

① **Remove the glass door/Vertical bracket for graphics card/
top cover for side panel** PH2

  Step 1 Open/Lift the glass revolving door

  Step 2 Loosen one thumb screw/remove the graphics card bracket

  Step 3 Remove the clip/Lift up and then move out the side plate

Lift up and then move out the side plate

Remove the clip

clip

clip

Open/Lift the glass revolving door

Door opening location,
either place is fine

Loosen one thumb screw/
remove the graphics card bracket
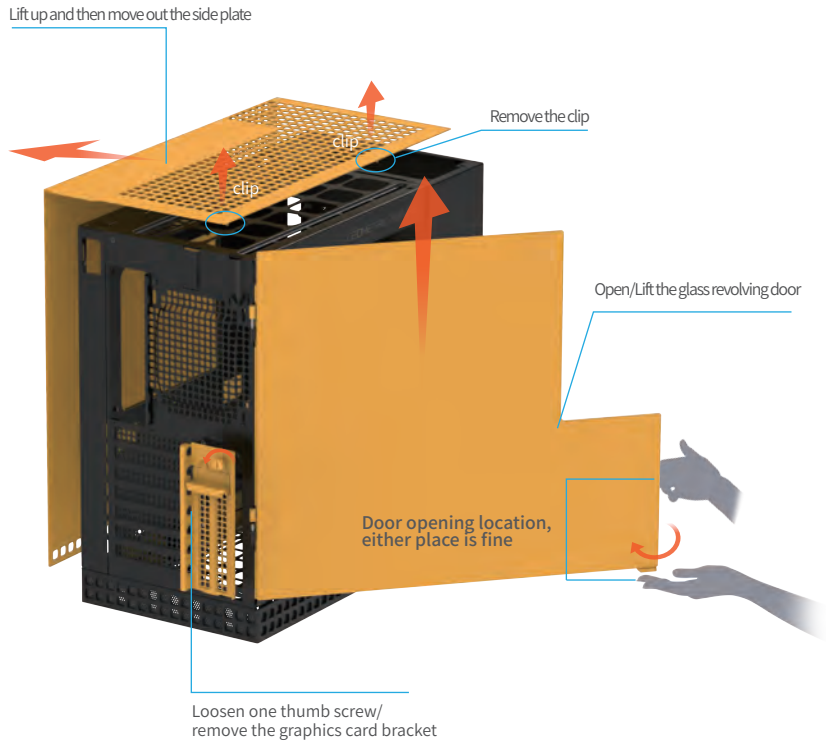
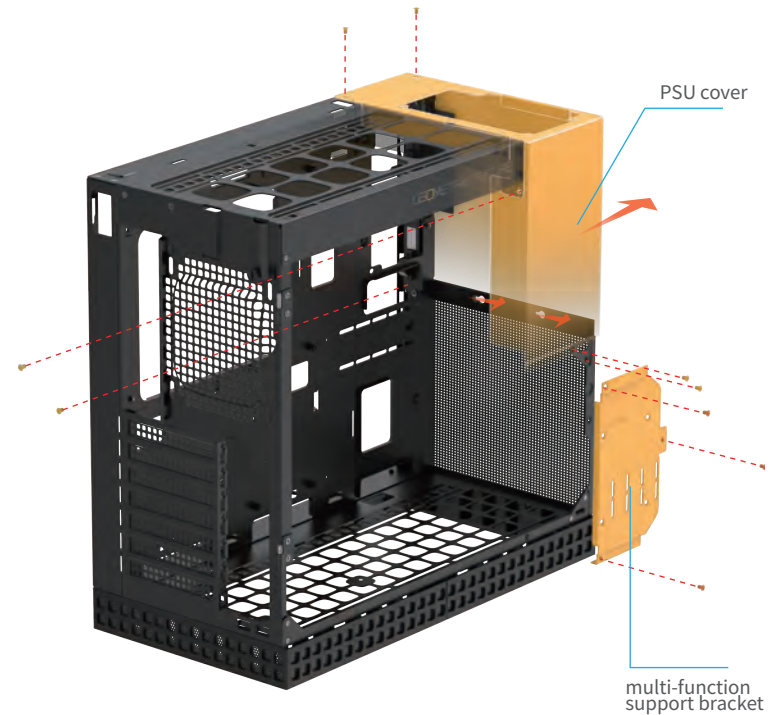② **Remove multi-function support bracket** PH2

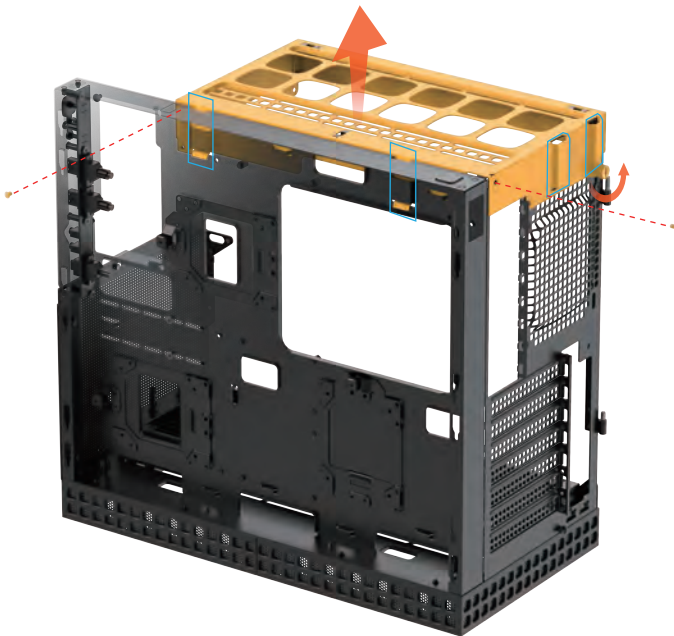 Step 1 Loosen three screws/remove the multi-function support bracket

③ **Remove the PSU cover**

  Step 1 Loosen six screws/Sliding pin then remove the PSU cover to the right
          (Note that the hook comes off)

PSU cover

multi-function
support bracket

4 **Remove the water cooling rack**

Step 1 Loosen three screws/lift and remove the water cooling rack

5 **Install the I/O baffle**

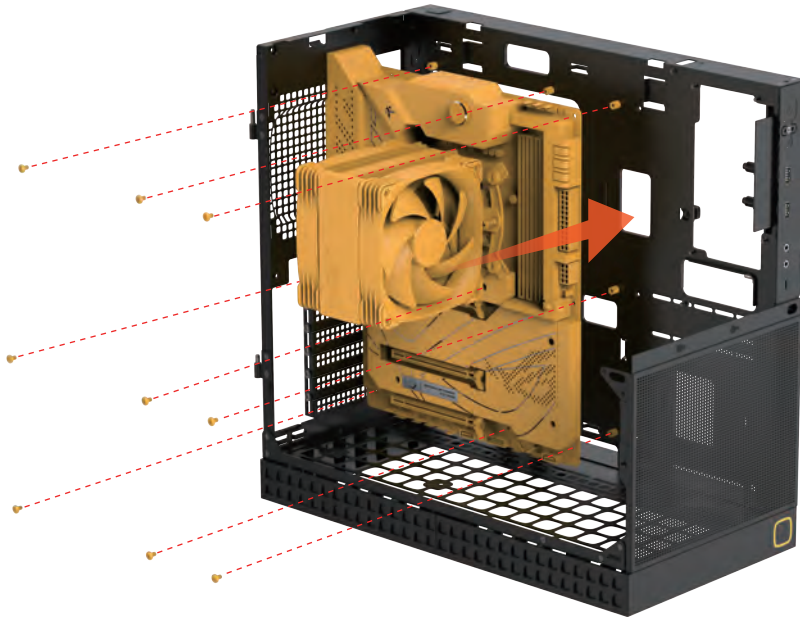6 **Remove the graphics card baffle**
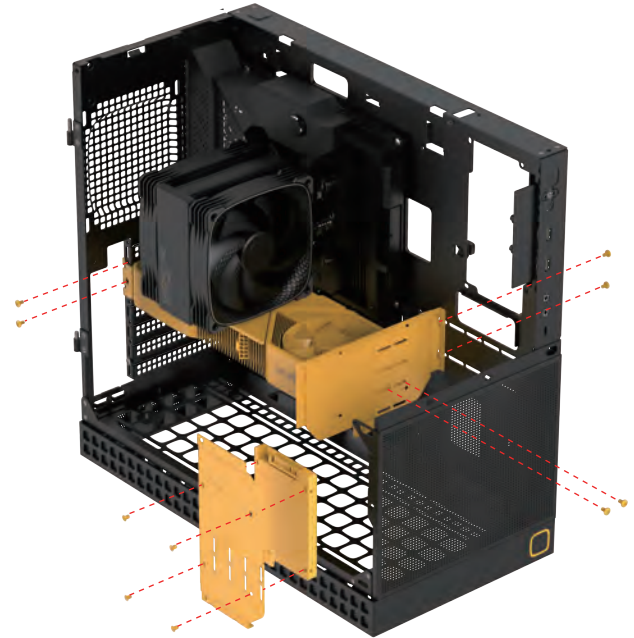
Motherboard mounting hole locations table

I	ITX
M	Micro—ATX
A	ATX
E	E-ATX

Install I/O baffle

Remove the baffle according to
the number of graphics card slots
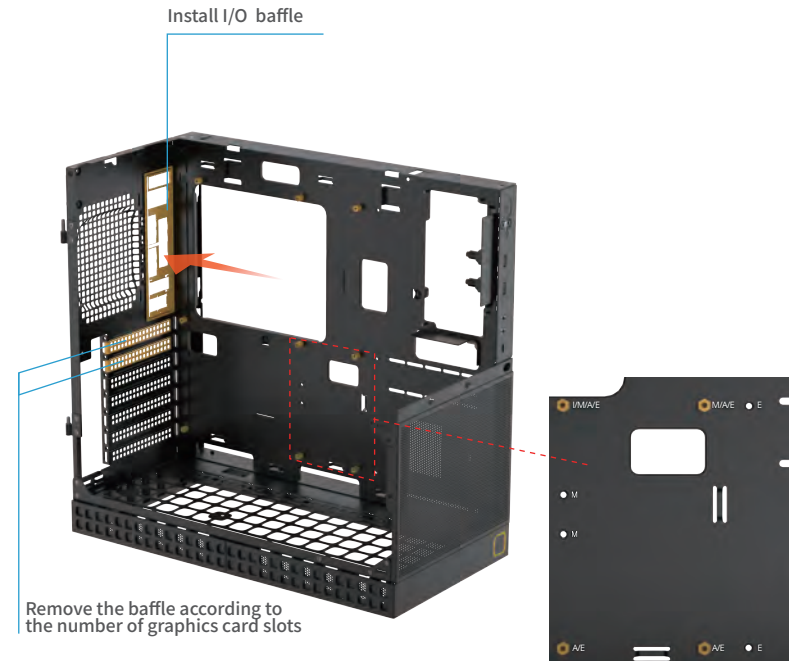
7 Install the motherboard

PH2 | X 9 | X 9 | X 1

8 Multifunctional support bracket introduction

Function 1: Support the PSU cover

Function 2:Install 2.5' hard disk
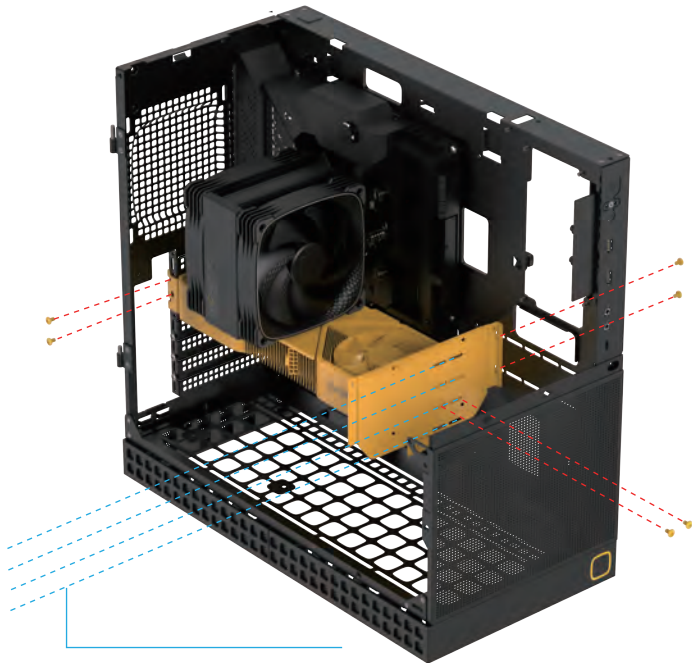
Function 3: Support horizontal graphics card

⚠ Equipped with 1 multifunctional support bracket

9 Install graphics card horizontally   ✏ PH2 | 🔩 X 6 | 🔩 X 4 | 🔩 X 2

Step 1 Pre-lock the bracket on the graphics cards
Step 2 Then lock it to the chassis

The four rows of holes correspond to
the graphics card slots
on the motherboard

10 Install graphics card vertically   ✏ PH2

Step 1 Lock the graphics card bracket/remove the protection cover

protection cover   adapter board

11 Install the adapter board
for vertical graphics card   ⚠ The adapter board and accessories need
to be purchased separately   ✏ PH2

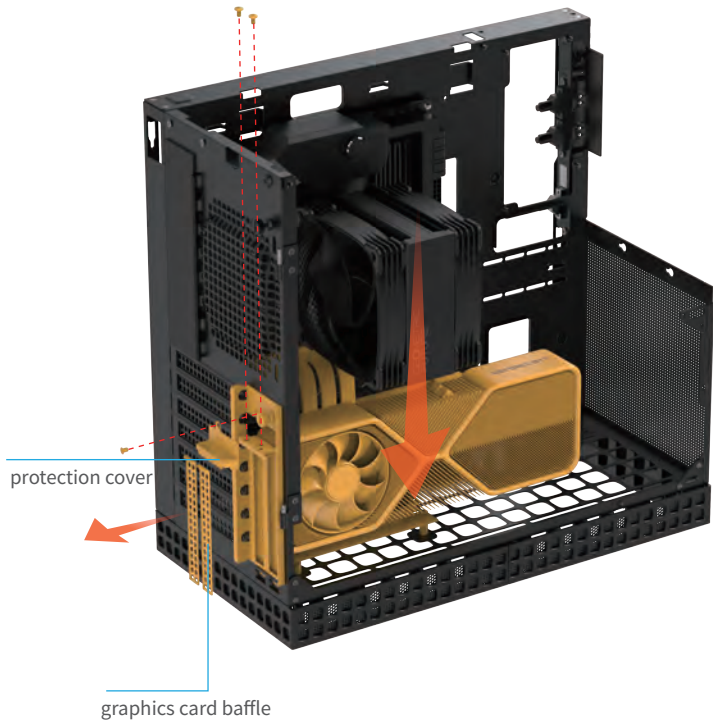Step 1 Fix the hex stud screws on the board/lock the adapter board

12 Install graphics card vertically and the protection cover   PH2   X 2

Step 1   Remove the graphics card baffle/lock
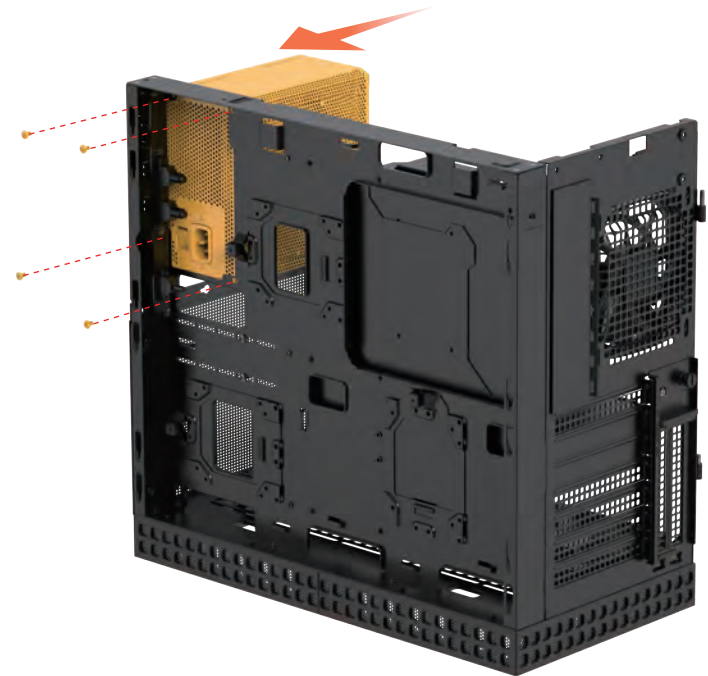Step 2   Lock the graphics card' s protection cover

protection cover

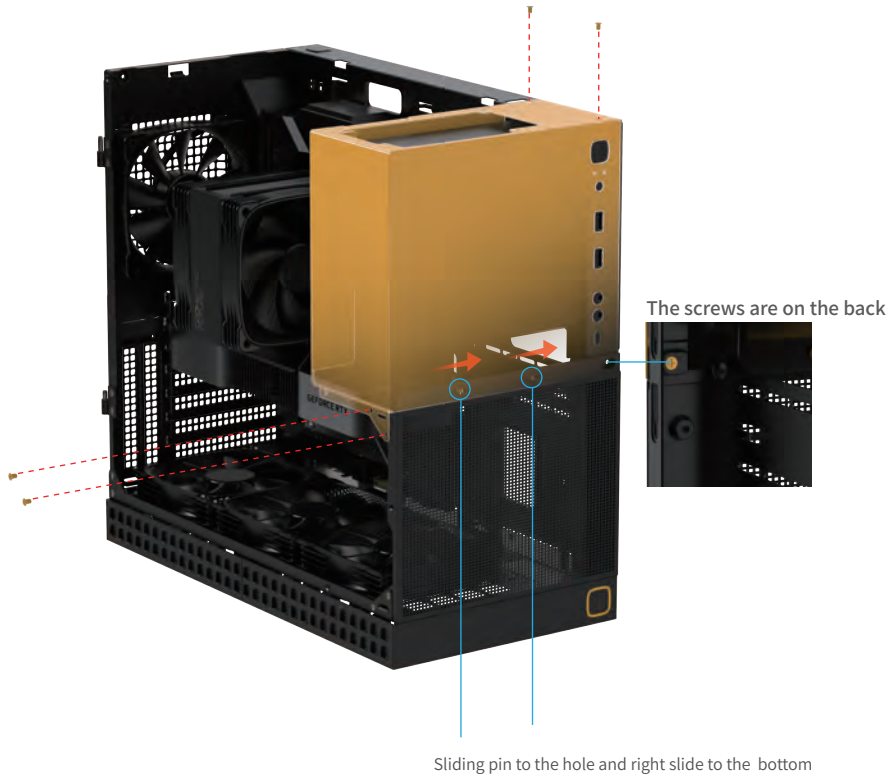graphics card baffle

13 Install the PSU   PH2   X 4

Step 1   Lock PSU horizontally

PH2

Step 2 Install the PSU cover

- Sliding pin to the hole and right slide to the bottom
- Lock the PSU cover

The screws are on the back

Sliding pin to the hole and right slide to the bottom

PH2 | X 4

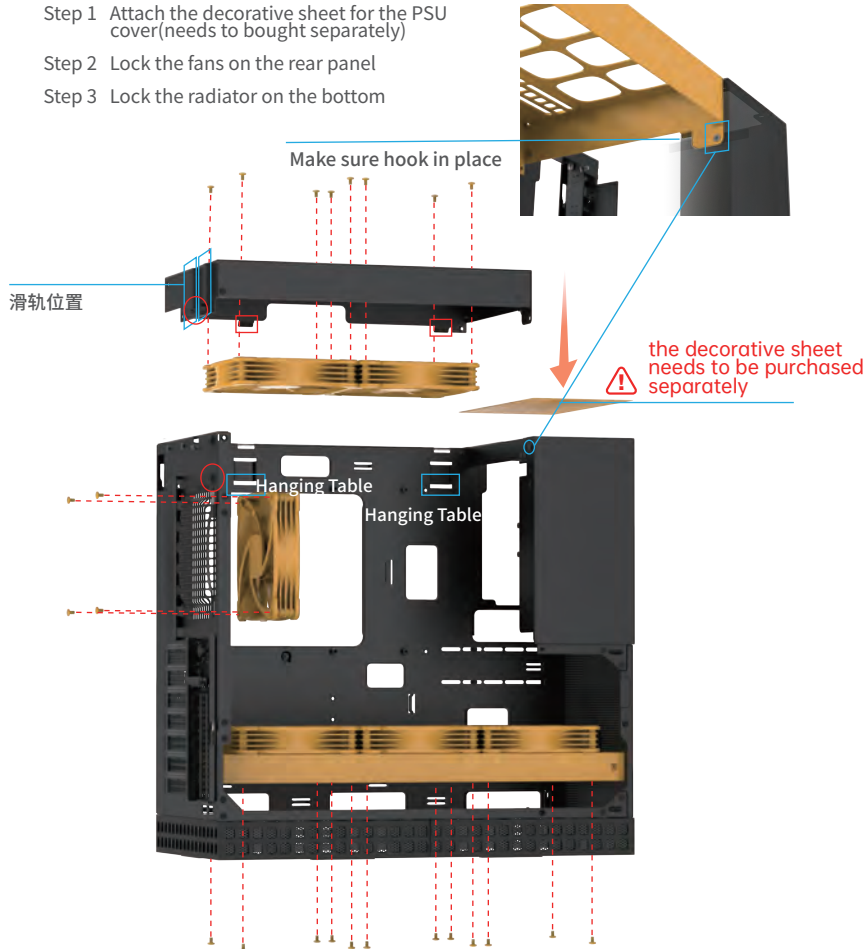Step 3 Sliding pin to the hole and right slide to the bottom
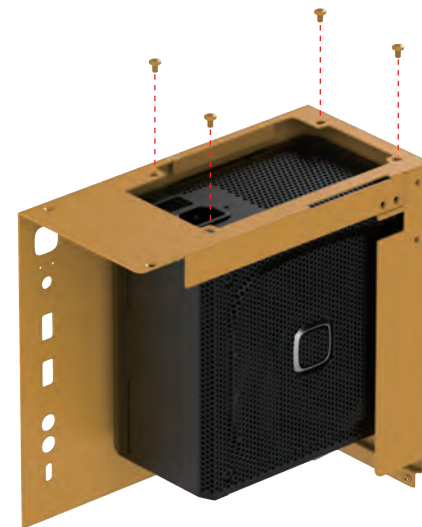
14 Install fans/radiators(standard state)

PH2

Step 1 Attach the decorative sheet for the PSU cover(needs to bought separately)

Step 2 Lock the fans on the rear panel

Step 3 Lock the radiator on the bottom

Make sure hook in place

滑轨位置

the decorative sheet needs to be purchased separately

Hanging Table

Hanging Table

PH2

Step 4 Lock the top fans/Align the slide rails and the hanging table/lock the water cooling bracket

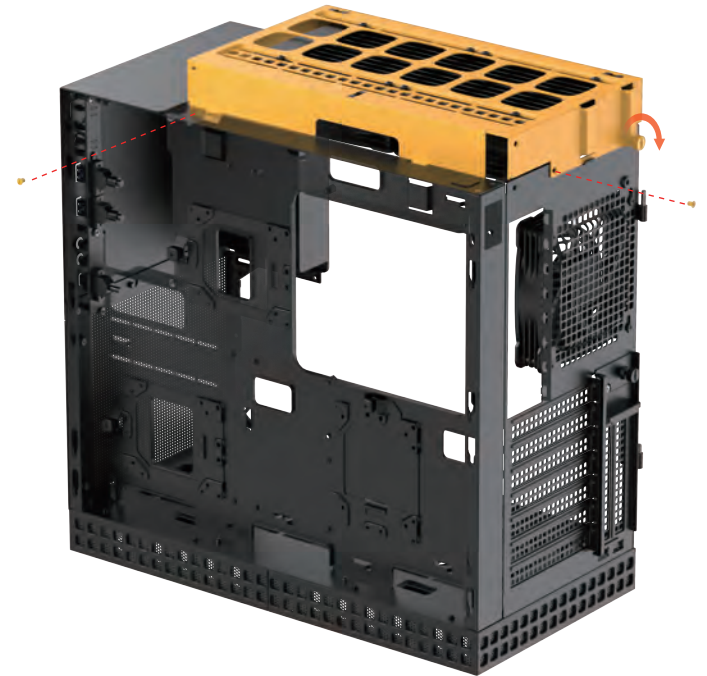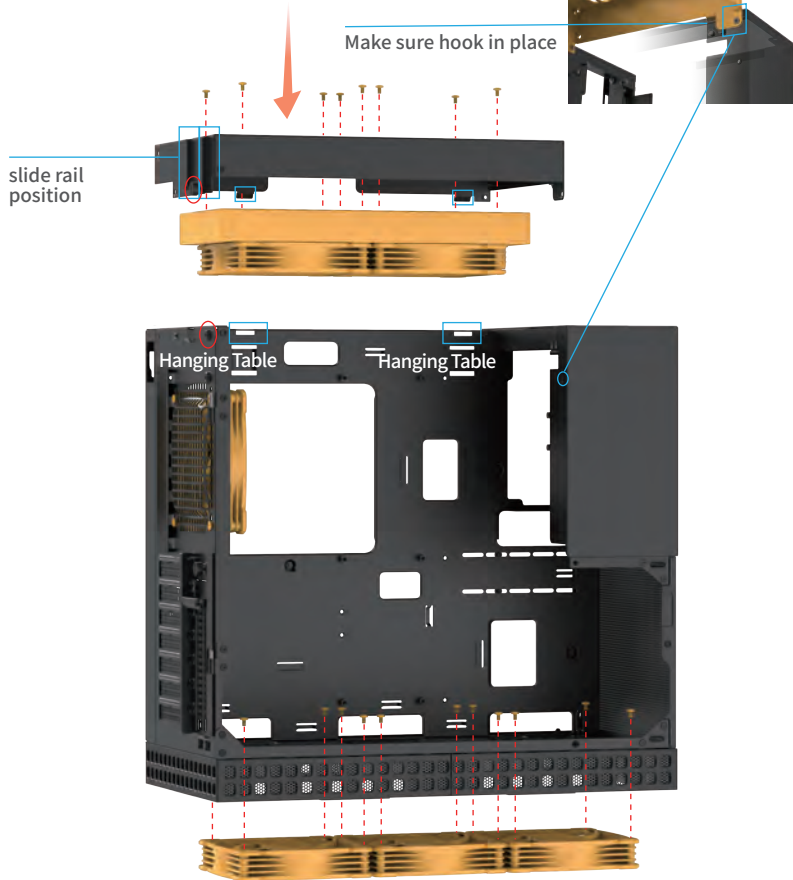(Note: Screws are supplied by fan/water cooling products)

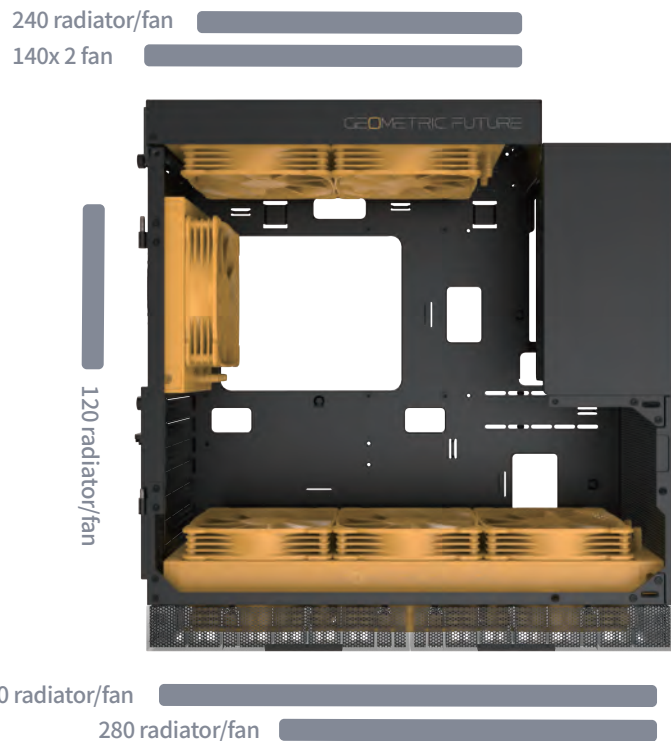**15** Install fans/radiator(Lifting mode for water cooling bracket))   PH2

Step 1   Lock the fans in the foot stand

Step 2   Lock the top radiator/Align the hanging table/lock the bracket
(Note:Screws are supplied by fan/water cooling products)

Make sure hook in place

slide rail position

Hanging Table   Hanging Table

PH2

16 Fans and water cooling installation options

240 radiator/fan
140x 2 fan

120 radiator/fan

360 radiator/fan
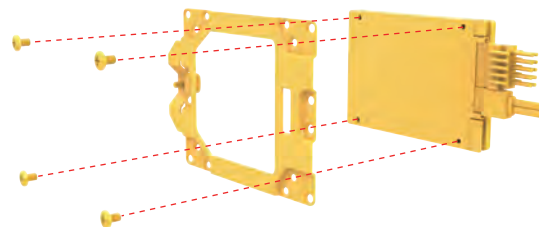280 radiator/fan

17 radiator/fan

Step 1   The thumb screws removed and then take down the HDD bracket/lock the HDD/SSD(equipped with 3 brackets)

3.5"HDD
2.5"SSD

2.5"SSD
3.5"HDD

❖   Lock 2.5 SSD   PH2   X 4

- ◆ Lock the 3.5 HDD

PH2 | 🔩 X 4
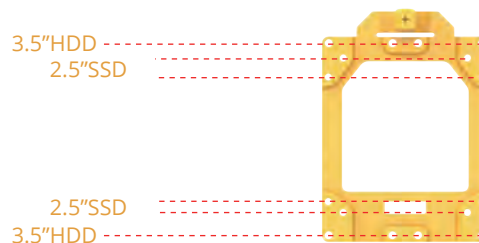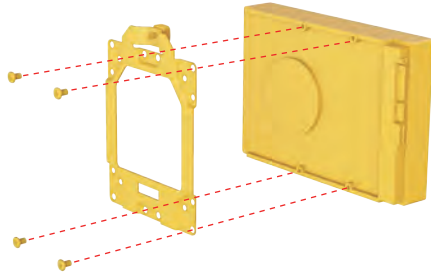
- ◆ The brackets support multiple directions

3.5"HDD

3.5"HDD

2.5"SSD

2.5"SSD

2.5"SSD
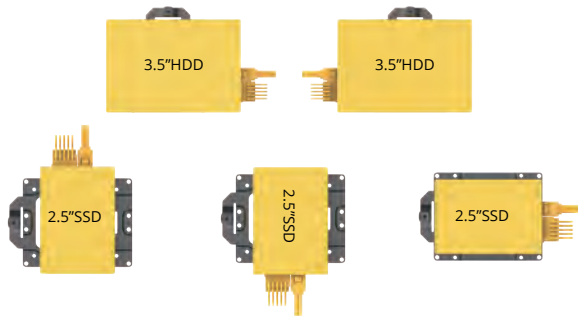
18 Cable arrangement and the tie position

X 8

Step 1 Cable arrangement (The dotted lines are the routing paths/the red frame is the tie position)

Position of the cable outlet hole

2.5"/3.5" SSD/HDD

2.5"/3.5" SSD/HDD

2.5" SSD
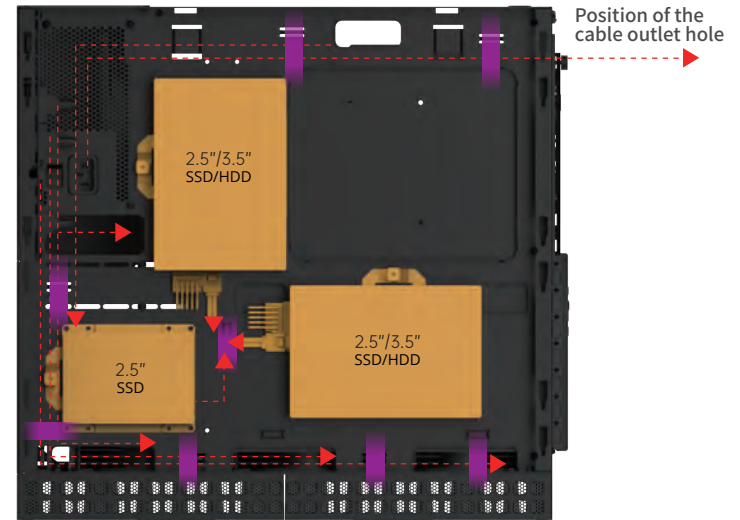
19 The routing position for PSU vertically installation

20 Install the top cover for the side panel

Step 1   The slide nail of the the side panel be aligned with the hole/inserted downward

Step 2   Press the top three clips/flatten the top cover

The slide nail of the the side panel be aligned with the hole/inserted downward

Standard state   Lifting state

HOW TO ASSEMBLE

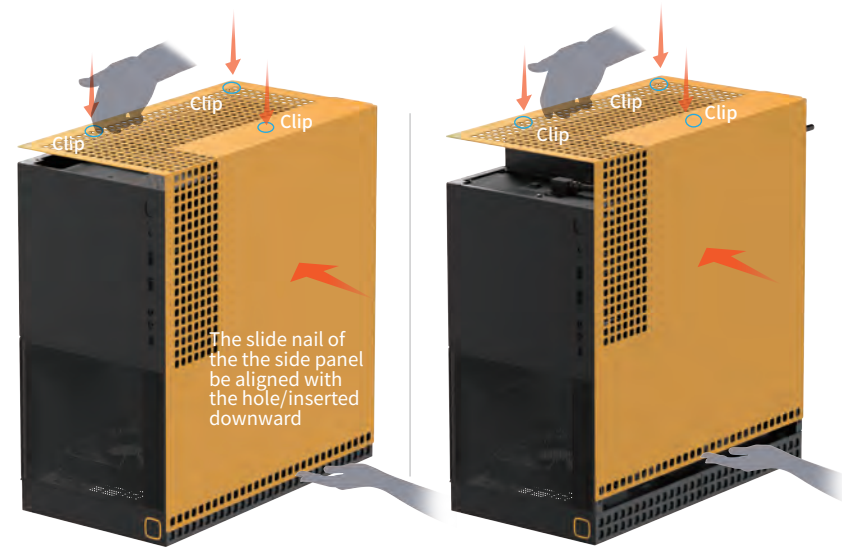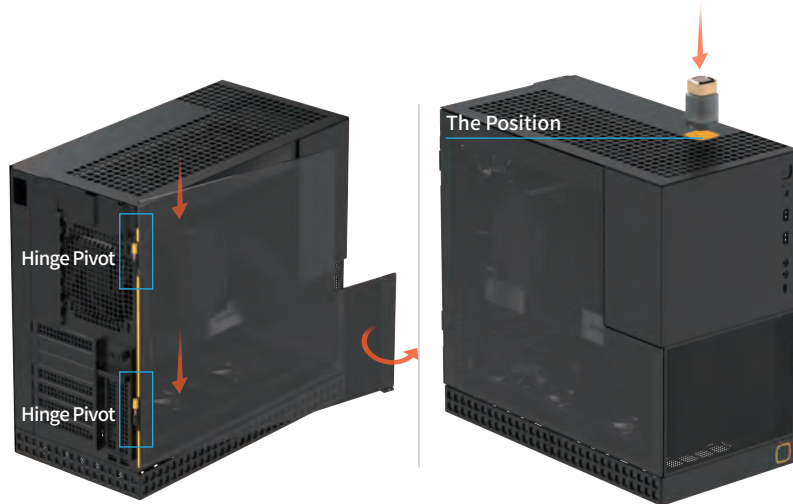# FRONT I/O WIRING SCHEMATIC

21 Install the glass door/fragrance

22 Front I/O wiring schematic

Step 1 Align hinge pivot downward into the glass revolving door

Step 2 The fragrance is magnetized to the top of the case

The Position

Hinge Pivot
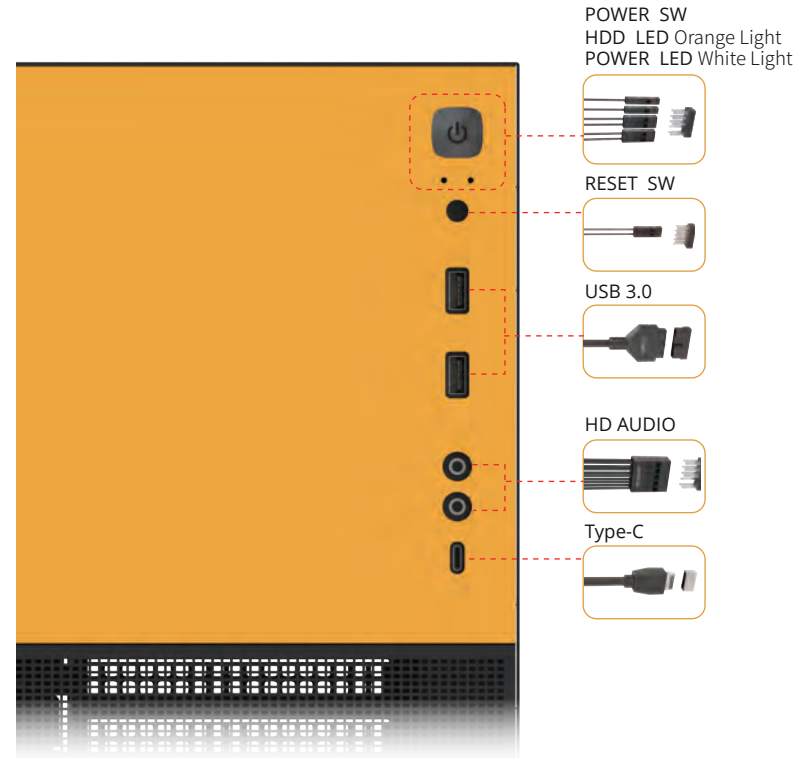
Hinge Pivot

install the revolving door

Align hinge pivot downward into the glass revolving door

install the fragrance

The fragrance is magnetized to the top of the case

⚠ Note:The fragrance needs to be purchased separately

POWER SW
HDD LED Orange Light
POWER LED White Light

RESET SW

USB 3.0

HD AUDIO

Type-C

Four installation methods recommended

PH2

Standard state

Horizontal graphics card&PSU,120 fan on the rear
360 radiator on the bottom,120/140 x 2 fan on the top

Standard state

Vertical graphics card,horizontal PSU,120 fan on the rear
120 x 3 / 140 x 2 fan in the footstand,120/140x 2 on the top

Lifting state

Horizontal graphics card,Vertical PSU,120 fan on the rear
120 x 3 / 140 x 2 fan in the footstand,120/140x 2 on the top

Lifting state

Vertical graphics card& PSU,120 fan on the rear
120 x 3 / 140 x 2 fan in the footstand,240 radiator on the top

PRECAUTIONS

1. Please assemble in strict accordance with the steps shown in this Manual.

2. In the process of installing computer products, please wear wrist strap and protective gloves. For products or components that are assembled powered on, the correct connection method and wiring sequence should be strictly followed, otherwise it may lead to the burn of computer motherboard and other hardware or personnel injury.

3. Do not use this product for any purpose beyond the specified use. Do not modify this product to avoid failure and damage to this product and related components.

4. If you want to handle this product and its contents, please remove all components inside this product first, so as to avoid damage to this product and related components, and avoid personal injury.

5. In case of any question about product assembly or use, please consult our customer service to obtain correct guidance before operating.

6. If the product and components are damaged due to unauthorized assembly, the manufacturer will only provide paid service to replace the components.

WARRANTY

1. This warranty does not cover:

- Products that are used for the purpose of leasing, artificially damaged, not used for normal pur poses and improperly handled;

- Product damage caused by natural disasters, including lightning, fire, flood, earthquake and other natural disasters;

- Products whose original factory identification such as product serial number has been modified or removed;

- Products not installed according to the User Manual.

2. For information about the warranty coverage of this product, please visit Geometric Future's website www.GeometricFuture.com,.

3. The actual products may vary and the pictures shall serve as reference only. Suzhou Geometric Future Creative Technology Co., Ltd. reserves the right of final modification and interpretation.

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