EVOLV X

PHANTEKS

USER MANUAL V1.0



Thank you

for choosing

PHANTEKS

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INTRODUCTION 简介

Welcome to Phanteks!

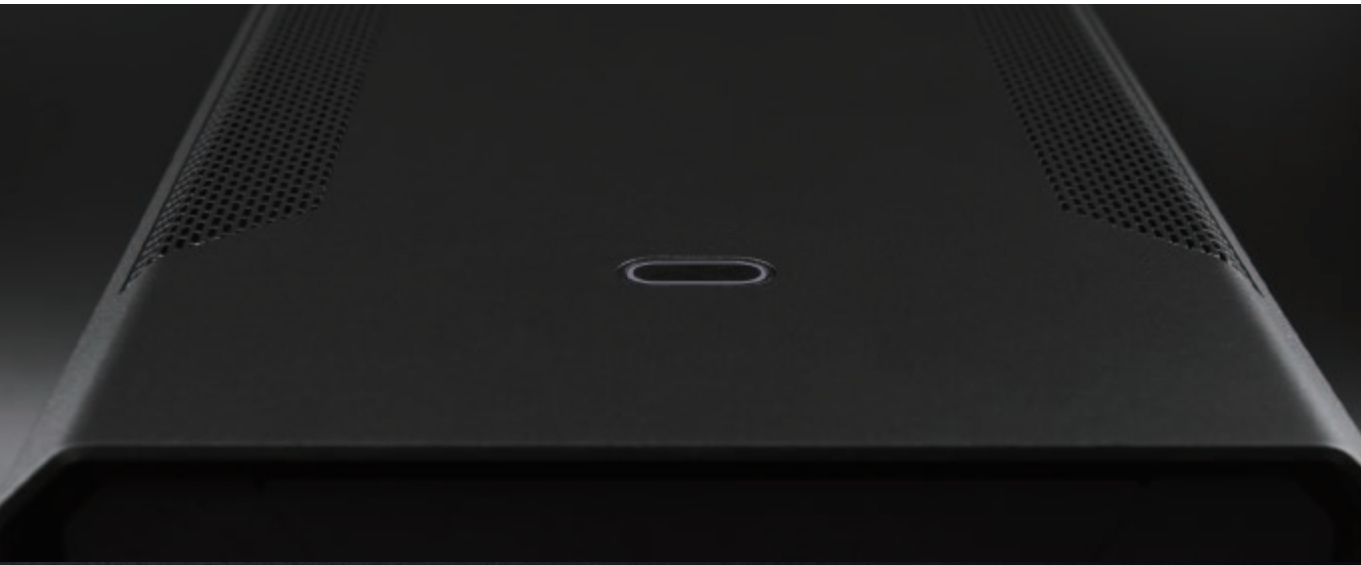
The Evolv X is one of the most versatile mid-tower chassis out there, ready for the future and the most powerful hardware.
Built from premium materials that are engineered with utmost care and attention to detail. A design based on continuous product improvement and innovation throughout the Evolv Series. Discover the ultimate building experience.

Phanteks believes that meaningful designs are created through the fusion of form and function.

The Phanteks team

Evolv X作为一台最具扩展性的多功能中塔机箱，她将为您提供最强大的硬件兼容扩展功能！
其奢华用料、精心设计、精湛工艺，是基于Evolv系列产品的持续创新和探索；

追风者团队



CASE SPECIFICATIONS 机箱参数

Dimension 尺寸 (WxHxD)	240 mm x 520 mm x 510 mm 94.5 in x 20.5 in x 20.1 in
Form Factor 结构	Mid Tower 中塔
Materials 材质	Anodized aluminum panels 阳极氧化铝板 Powder coated steel chassis 喷砂钢构架 Tempered glass side panels 钢化玻璃侧板
MB Support 主板支持	E-ATX, ATX, Micro-ATX, Mini ITX
Front I/O 前置I/O	Power button, 2x USB 3.0, 电源开机键，2xUSB 3.0， Microphone, Headphone, D-RGB 麦克风，耳机，D-RGB模式键 Mode button, D-RGB Color button, D-RGB颜色键 USB 3.1 GEN 2 Type-C
Side Window 侧透	Yes, Tempered glass both sides 双侧钢化玻璃面板

PCI SLOTS & DRIVE BAYS PCI扩展槽&硬盘位

PCI slots PCI扩展槽	7x	
Internal 3.5” 内置3.5”	10x	(4 included 标配4个)
Internal 2.5” 内置2.5”	9x	(6 included 标配6个)

FAN 风扇	**120 mm**	**140 mm**
Front 前	3x	3x (2 installed 标配2个)
Top 顶	3x	2x
Rear 后	1x	1x (1 installed 标配1个)

RADIATOR 散热器	**120 mm**	**140 mm**
Front 前	Up to 360	Up to 420
Top 顶	Up to 360	Up to 280
Rear 后	120	140

INCLUDED ACCESSORIES 标配配件

Premium fan 140 mm 高级版140mm风扇	3x (installed 标配)
Universal Fan Hub 通用型风扇集线器	1x (installed 标配)
3.5” stackable HDD bracket 3.5”可堆叠的硬盘架（兼容2.5”）	4x
Vertical GPU Mount 显卡垂直安装底座(塑胶)	1x
Accessory bag 配件盒	1x
Anti-Sag Bracket 显卡防下垂固定支架	1x
Airflow Cover 空气导流盖板	1x
Toolbox 工具盒	1x

CLEARANCE 空间

CPU Cooler Clearance CPU散热器限高	190 mm	(7.48 in)
GPU Clearance 显卡限长	435 mm	(17.24 in)
Front Radiator thickness 前置冷排厚度	95 mm	(3.74 in)
Top Radiator thickness 顶部冷排厚度	65 mm	(2.56 in)

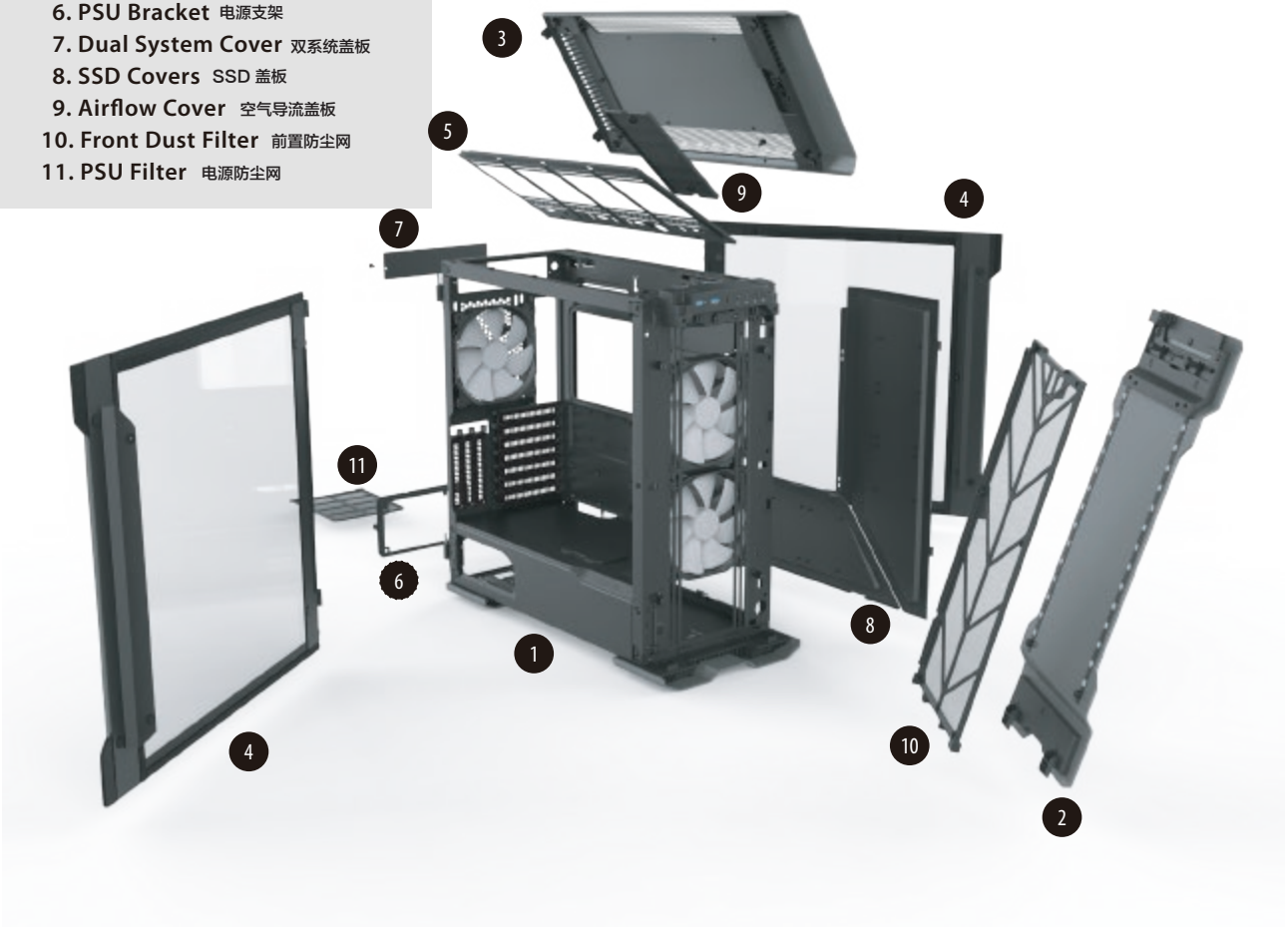
SUPPORT 支持

Contact (International) 联系方式（国际）	support@phanteks.com
Contact (North and South America) 联系方式（北美和南美）	support@phanteksusa.com
电话:（中国）	0755-27179016
Warranty 质保	5 Years* 5年

*see page 31

EXPLODED VIEW 拆分图

1. Chassis 机箱壳
2. Front Panel 前面板
3. Top Panel 顶面板
4. Side Panels 侧板
5. Radiator Bracket 散热器支架
6. PSU Bracket 电源支架
7. Dual System Cover 双系统盖板
8. SSD Covers SSD 盖板
9. Airflow Cover 空气导流盖板
10. Front Dust Filter 前置防尘网
11. PSU Filter 电源防尘网



ACCESSORIES 配件

3.5" MODULAR HDD BRACKET 3.5"可堆叠硬盘支架

- 4 included in accessory box
- For 3.5" or 2.5" Drive

–配件盒里标配4个
–可安装3.5 "或2.5 "硬盘



PREMIUM FAN 140 MM 高级版140mm风扇

- 3 Pre-installed
- Hight static pressure
- Silent operation

–3把风扇已安装于机箱上
–高风压
–静音



VERTICAL GPU MOUNT 垂直显卡安装

- Included in accessory box
- Riser Cable is sold separately

–配件盒标配
–显卡转接线另外选购



AIRFLOW COVER 空气导流盖板

- Included in accessory box
- Magnetic

–配件盒标配
–磁铁吸附



ACCESSORY BAG AND TOOLBOX 配件包及工具盒

Accessory bag 配件包



GPU Anti-Sag Bracket

6x Zip Tie 150mm

Phanteks Logo Badge

显卡防压支架
6根150mm魔术带
追风者LOGO微章

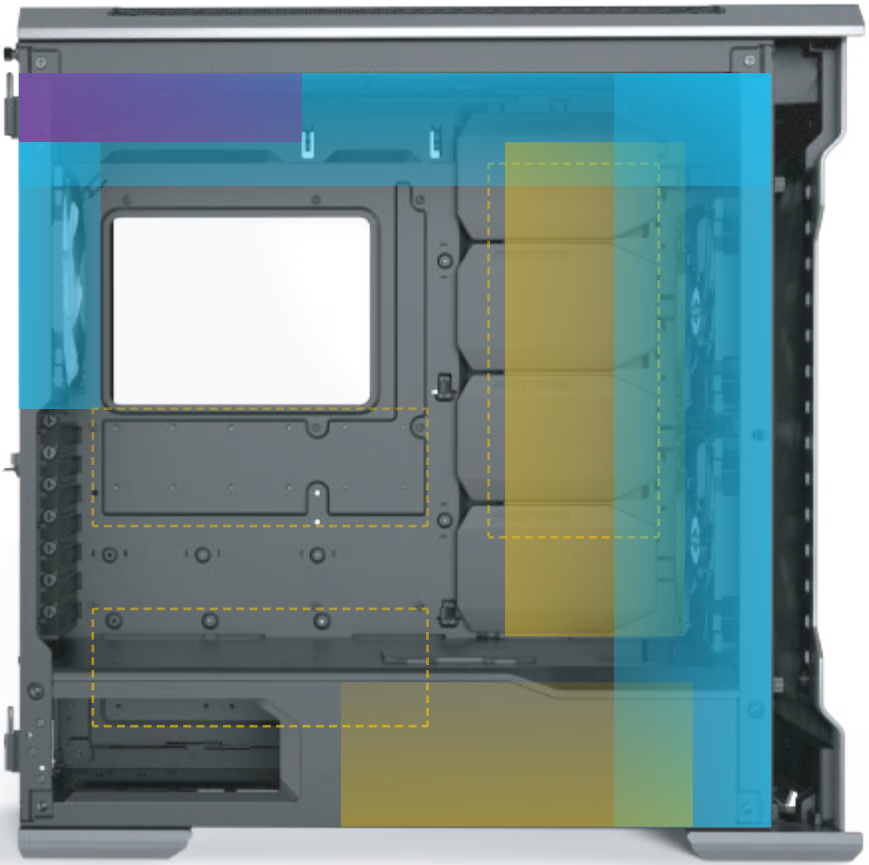
Toolbox 工具盒

	M3x5 mm Motherboard / SSD / ODD screw 主板/SSD/ODD螺丝 34x	Fan screw 风扇螺丝 12x	Motherboard Standoff + tool 主板铜柱螺丝 1x 1x	
6-32x6 mm Hex screw 电源/垂直显卡底座六角螺丝 7x	6-32x6 mm Thumb screw 左右侧板/顶部面板理线盖板/显卡支撑架手拧螺丝 12x	6-32x5 mm Case screw 水泵支架/魔术带底座机箱螺丝 6x	6-32x9 mm HDD screw HDD螺丝 16x	Riser Cable screw 显卡软排线螺丝 3x

CONFIGURE YOUR EVOLV X 配置EVOLV X机箱

The EVOLV X has the most versatile chassis design. With so many possibilities you can use this overview to choose and plan the best configuration for your build.

EVOLV X机箱具有多功能设计，提供多方案可能性，您可以根据产品功能述描来选择及规划最佳配置。



COOLING 风冷区 PAGE 12 12页

WATER COOLING 水冷区 PAGE 17 17页

STORAGE 存储区 PAGE 14 14页

DUAL SYSTEM 双系统 PAGE 28 28页

PREPARATIONS

- The Evolv X case is designed to support installation in standing position.
- Don't turn on the power to your system until installation is complete.
- Discharge your body's static electric charge by touching a grounded surface before performing any hardware procedure.
- Make sure to consult the manuals of your hardware before installation.

筹备工作

- Evolv X机箱支持立式安装
- 在安装完成之前，请勿打开系统电源。
- 在安装任何硬件程序之前，通过触摸地面来释放身体的静电。
- 安装前请务必查阅硬件手册。

If you do not feel comfortable with performing the installation procedure, consult a qualified computer technician.

如果您在装机过程遇到困难，请咨询专业的电脑技术员。

1. REMOVING FRONT PANEL 拆除前面板



2. UNLOCKING SIDE PANELS 拆除侧面板



REMOVE:
4 x



REQUIRE:
螺丝刀型



3. OPENING SIDE PANELS 打开侧面板



4. REMOVING TOP PANEL
拆除顶部面板



PRO TIP

Use the 4x thumb screws on the front to secure the Side Panels during transport or public events.

在运输或移动时，请先固定4颗前面侧板螺丝。

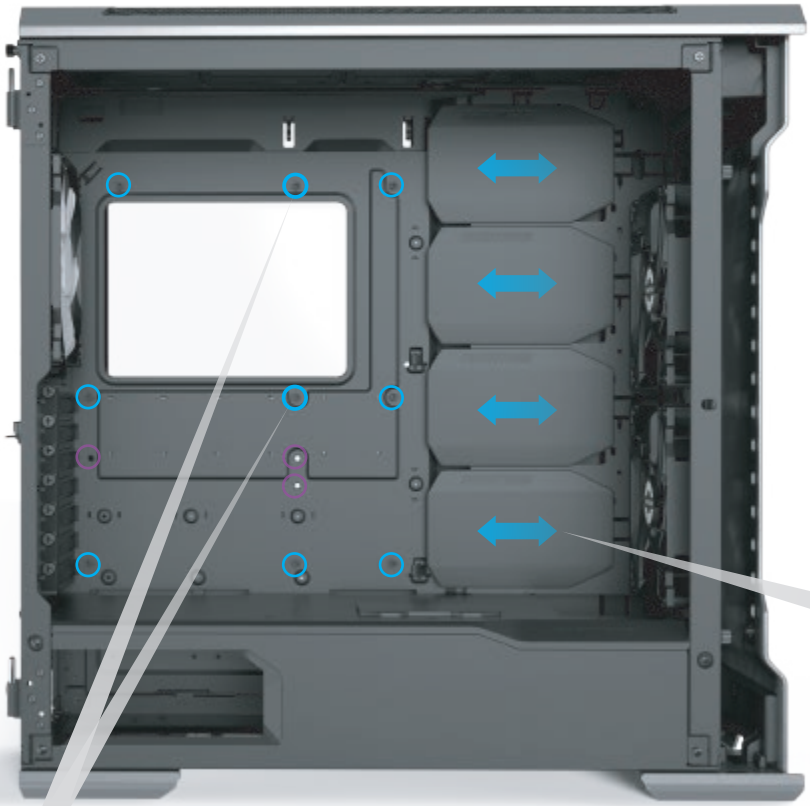
LOOSEN:

2 x

INSTALLING MOTHERBOARD 安装主板

Use the motherboards screws from the toolbox to install your motherboard on the pre-installed standoffs.

使用配件盒中的主板螺丝将主板安装在预安装的支架上。



REQUIRE:





For repositioning standoffs
用于定位对孔



STANDOFF POSITIONING
主板定位孔

ATX / E-ATX
(Pre-installed)

Micro ATX
install extra standoffs

Some motherboards require installation / repositioning of the standoffs. Please consult your motherboard manual for the correct standoff positioning.
部分主板需要安装/重新定位主板铜柱。
相关正确的铜柱安装位置请参考主板手册

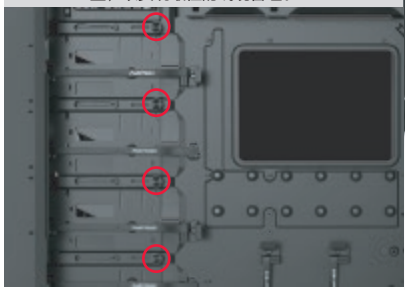
PRO TIP

These standoffs have a special collar to keep the motherboard in place when installing vertically.

图示位置主板支撑铜柱带有定位功能，可提供辅助定位易于安装！

PRO TIP

By loosening the thumb screws you can slide the Cable Covers left and right for optimal cable management.
通过松开翼形螺钉，您可以左右滑动线缆盖，以实现最佳的线缆管理。

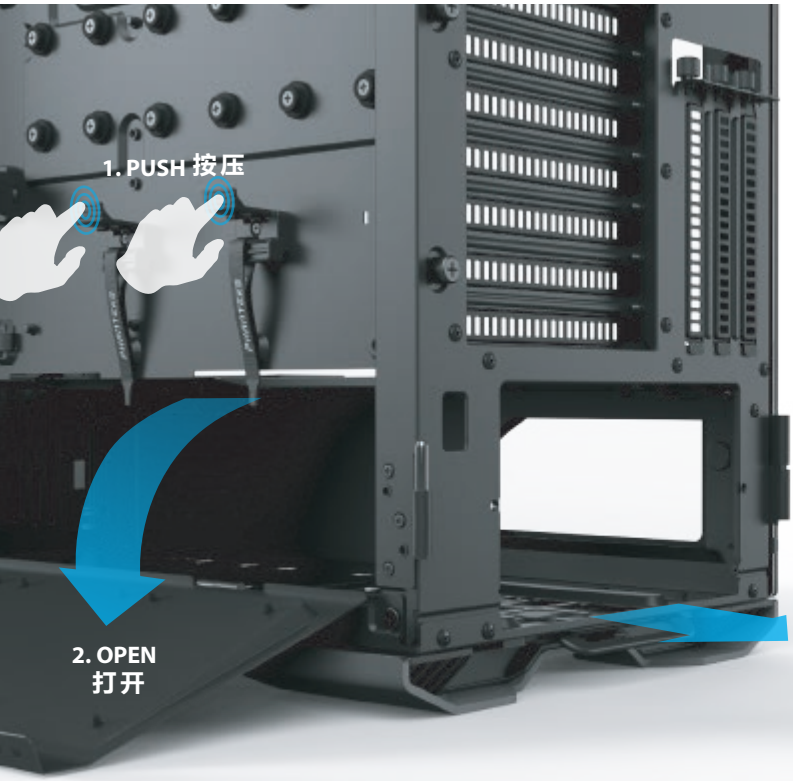


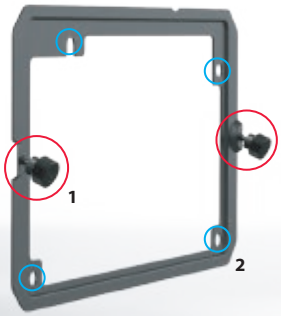
INSTALLING POWER SUPPLY 安装电源

The power supply can be installed by removing the PSU bracket on the rear.

请将电源先锁入安装支架，再锁入机箱；

REQUIRE:





LOOSEN:

2 x

4 x

PRO TIP

Connect all needed cables to the power supply before installing it in the case.

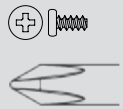
将所有需要的接线连接到电源，然后再将其安装到机箱中。

INSTALLING FANS 安装风扇

Configure your airflow-path with this overview. All fan locations support both 120mm and 140mm fans.

使用此视图配置气流路径， 所有风扇位置均支持120mm和140mm风扇。

REQUIRE:



PRO TIP

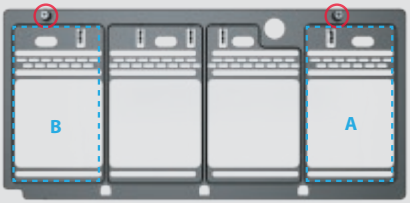
Install the magnetic Airflow Cover to prevent air from re-circulating when you install 2x 120 mm or 2x 140 mm fans.

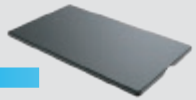
安装2x 120 mm或2 x 140 mm风扇时，请安装磁性气流盖板防止热气流再循环。

TOP

140 FAN

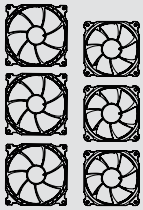
120 FAN





AIRFLOW COVER
气流盖板

FRONT



140 FAN 120 FAN

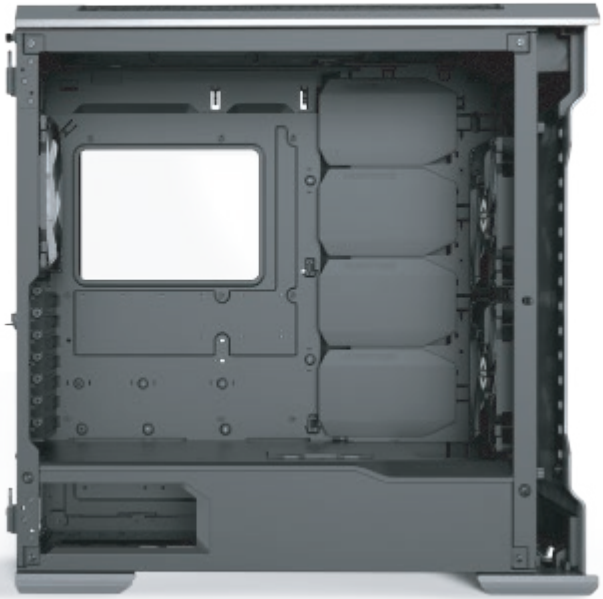
LOOSEN:
2 x



REAR



140 FAN 120 FAN



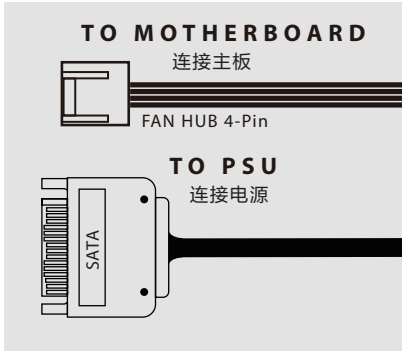


CONNECTING THE UNIVERSAL FAN HUB
连接风扇集线器

1. **CONNECT THE FAN HUB 4-PIN CABLE TO YOUR MOTHERBOARD FAN HEADER**
将风扇集线器4-PIN 线连接到主板PWM 4-pin风扇接口上

2. **CONNECT EXTRA FANS TO THE CORRESPONDING CONNECTOR ON THE UNIVERSAL FAN HUB**
将额外的风扇连接到集线器的相应接口上

3. **CONNECT THE SATA CABLE TO THE POWER SUPPLY**
将SATA接头连接到电源



PRO TIP

You can choose a PWM or DC output in the motherboard settings. The Fan Hub will automatically translate the signal to all connected 3- and 4-pin fans.
Check **WWW.PHANTEKS.COM/FAQ** for more technical details.

您可以在主板设置中选择PWM或DC输出。风扇集线器会自动将信号转换为所有连接的3针和4针风扇。
相关更多详情，请登录WWW.PHANTEKS.COM/FAQ

PRO TIP

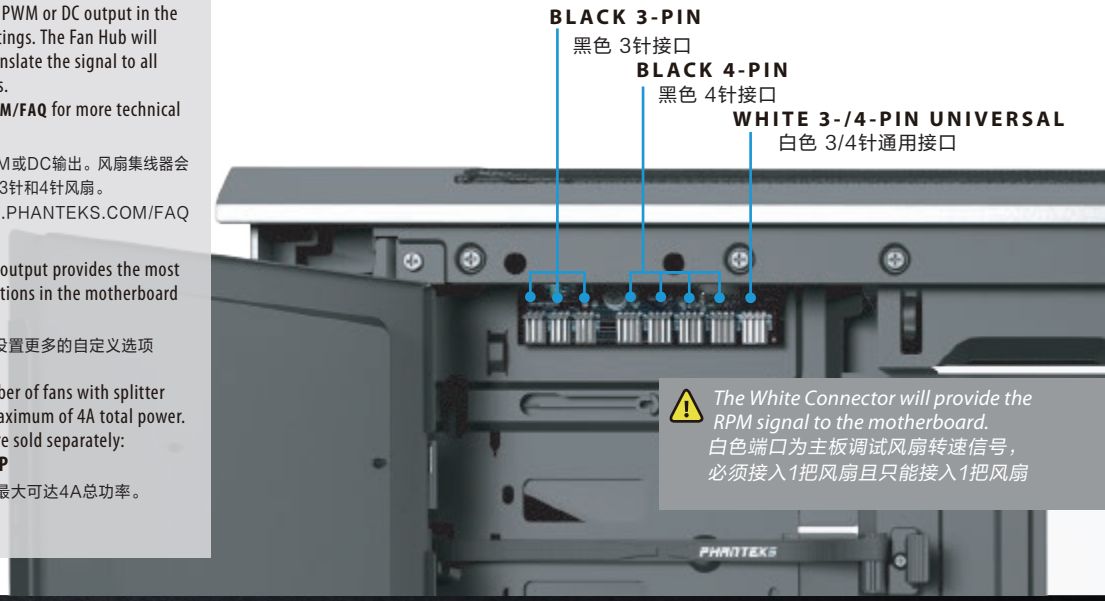
Choosing a PWM output provides the most customization options in the motherboard settings.

选择PWM输出可在主板中设置更多的自定义选项

PRO TIP

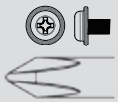
Expand the number of fans with splitter cables up to a maximum of 4A total power. Splitter cables are sold separately:
PH-CB-Y4P / Y3P

使用分接线扩展风扇数量，最大可达4A总功率。
分接线单独出售：
PH-CB-Y4P / Y3P



INSTALLING DRIVES 安装硬盘

REQUIRE:



2.5" SSD INSTALLATION 2.5" SSD安装

Both SSD Covers support 3x 2.5" SSDs.
Each SSD is mounted with 4x screws.
两块SSD盖板都支持3个 2.5" SSD硬盘
每个SSD 安装用4颗螺丝

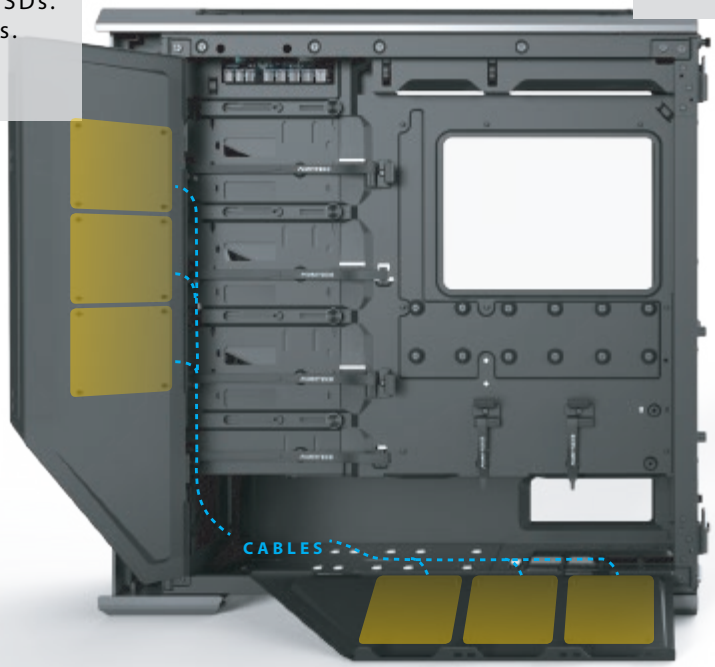
REMOVE:

4 x



4 x

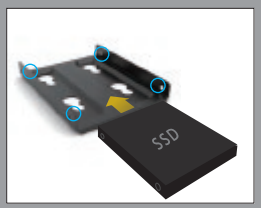




OPTIONAL SSD STORAGE 可选配SSD硬盘

Up to 3x additional SSDs can be installed using the *Phanteks 2,5" SSD bracket (***PH-SDBKT_01**).

***SSD brackets are not included and sold separately.**

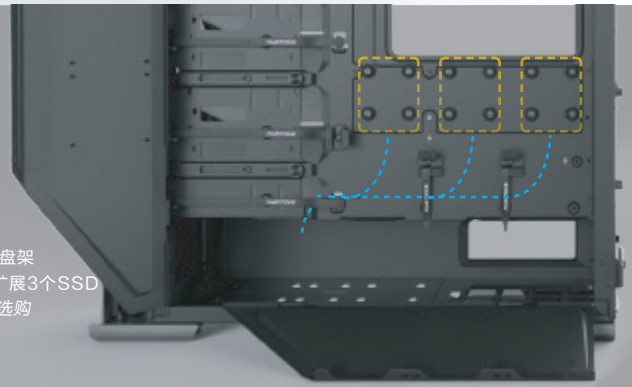


PH-SDBKT_01 required

使用追风者 2,5"SSD硬盘架
*（**PH-SDBKT_01**）可扩展3个SSD
**不标配SSD支架，可选购*

4 x

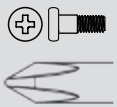




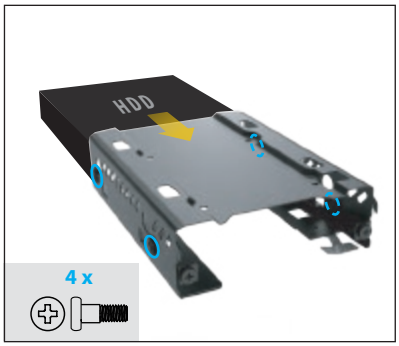
3.5" HDD INSTALLATION　3.5" HDD硬盘安装

4x Phanteks Stackable 3.5" HDD Brackets are included.
Additional brackets are sold separately ***(PH-HDDKT_03).***
机箱标配4个可堆叠3.5“HDD支架
如需增加支架可单独购买（PH-HDDKT_03）

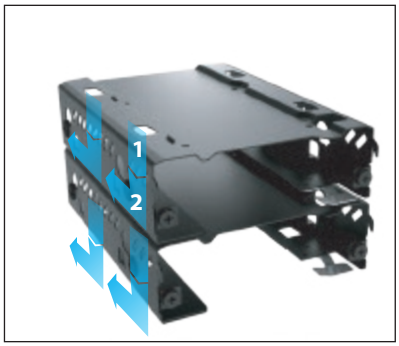
REQUIRE:



HDD INSTALLATION
HDD硬盘安装

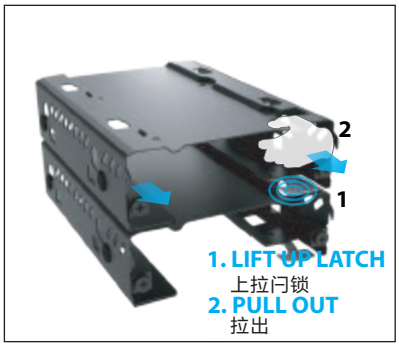


STACK / INSTALL
支架堆叠安装



Each HDD bracket can be stacked together to offer more flexibility.
每个HDD支架可以堆叠在一起，以便具有更大的灵活性。

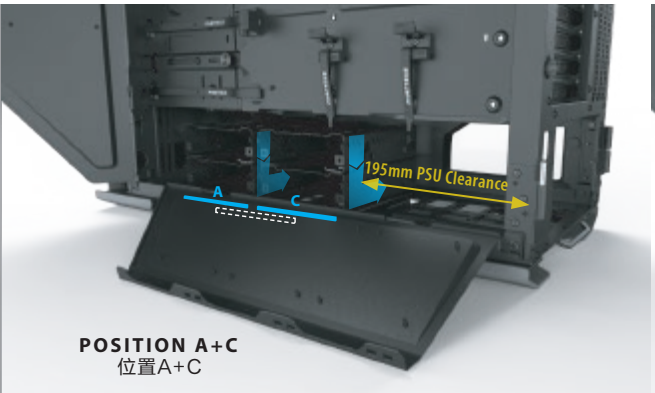
REMOVE
拆除



PRO TIP
The HDD bracket can also house a 2.5" SSD instead of a 3.5" HDD.
HDD支架也可以安装2.5"SSD

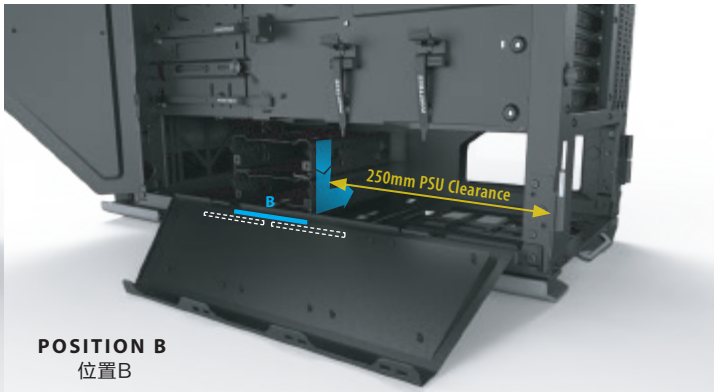
BOTTOM COMPARTMENT
提升闩锁

TWO STACK-CONFIGURATION
两个堆叠配置



POSITION A+C
位置A+C

SINGLE STACK-CONFIGURATION
单堆叠配置



POSITION B
位置B

MAIN COMPARTMENT 主隔口

Up to 6 Stackable HDD Brackets can be installed in the main compartment.
主隔口最多可安装6个可堆叠硬盘支架。

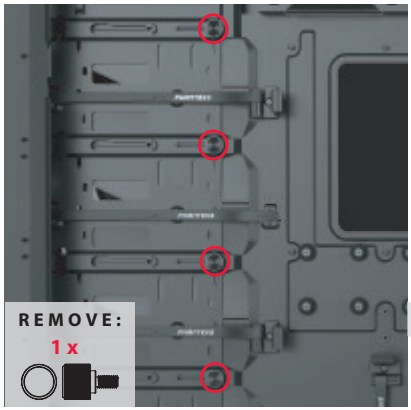
REQUIRE:



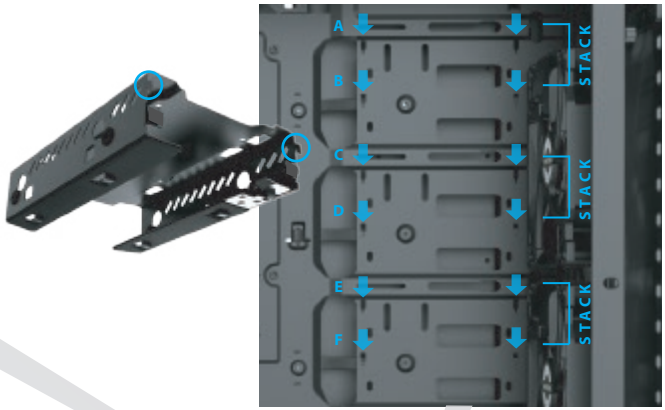
PRO TIP

Stack the HDD brackets before mounting if you install more than 1x bracket.
如果安装超过1个支架，请在安装前堆叠HDD支架。

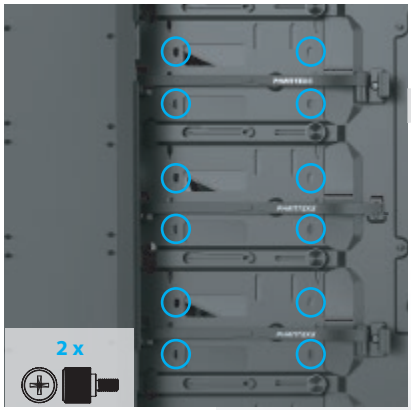
1. REMOVE THE CABLE COVER(S) TO REVEAL THE HDD MOUNTS
拆除理线盖板，才看到HDD安装位



2. MOUNT THE (SINGLE / STACKED) HDD BRACKETS IN POSITION
将（单/堆叠）HDD支架安装到位



3. SECURE WITH 2 THUMBSCREWS
用2个手拧螺丝固定





INSTALLING WATER COOLING 安装水冷排

REQUIRE:



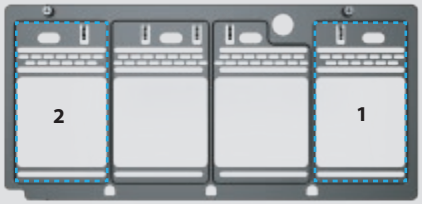
TOP 顶部

120 FORM FACTOR
120规格

- 120
- 240
- 360

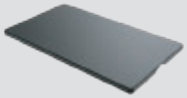
140 FORM FACTOR
140规格

- 140
- 280



PRO TIP

Use the Airflow Cover to prevent hot air from circulating.
使用气流盖防止热空气循环。



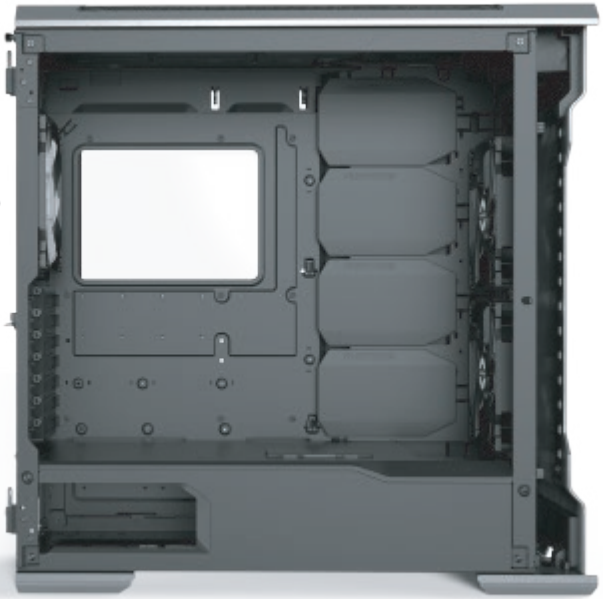
REAR 后面

120 FORM FACTOR
120规格

- 120

140 FORM FACTOR
140规格

- 140



FRONT 前面

120 FORM FACTOR
120规格

- 120
- 240
- 360

140 FORM FACTOR
140规格

- 140
- 280
- 420

RADIATOR CLEARANCE 散热器间距

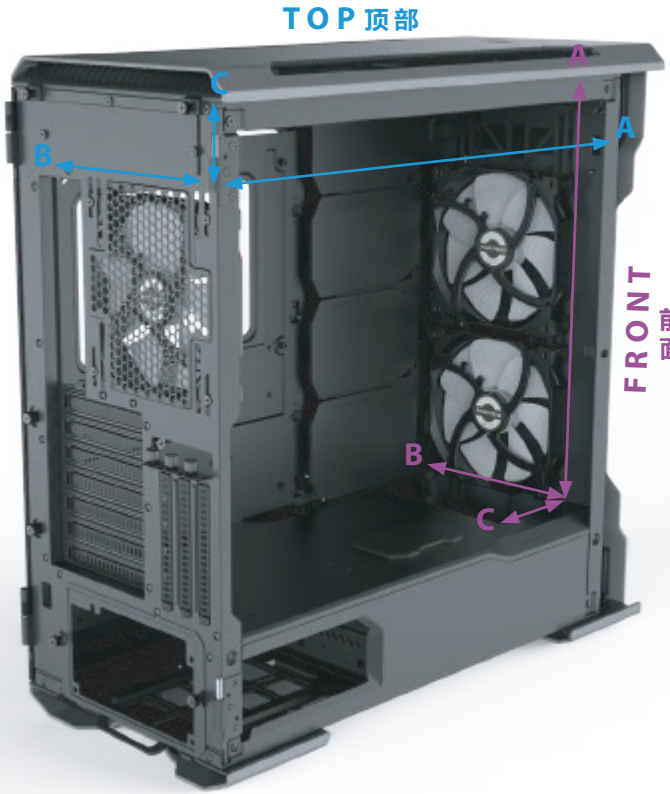
TOP 顶部

MAX. RADIATOR CLEARANCE
最大散热器间距

140mm Radiators: A:405mm B:146mm C:65mm
120mm Radiators: A:405mm B:126mm C:65mm*

**If the motherboard and its components (e.g. memory) are 50mm or lower there is no limit in Radiator thickness.*

**如果主板及其组件（例如内存）为50mm或更低，则散热器厚度没有限制。*



FRONT 前面

MAX. RADIATOR CLEARANCE:
最大散热器间距

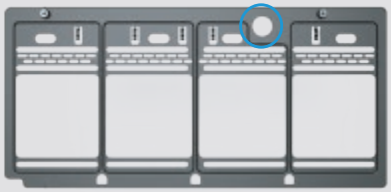
A:465mm B:148mm C:95mm

PRO TIP

Installing a fill port in the top radiator bracket and/or a drain port in the front of the case makes water cooling maintenance much easier.
The port diameters are 20.5mm.
Phanteks Passthrough fitting: **PH-PTF_BK/CR_G1/4**
Phanteks Ball-Valve fitting: **PH-BVA_BK/CR_G1/4**

在顶部散热器支架和/或机箱前部的排水口安装注水口使水冷维护更加容易。端口直径为20.5mm。
追风者止水阀：**PH-PTF_BK/CR_G1/4**
追风者球型塞：**PH-BVA_BK/CR_G1/4**

FILL PORT 注水口

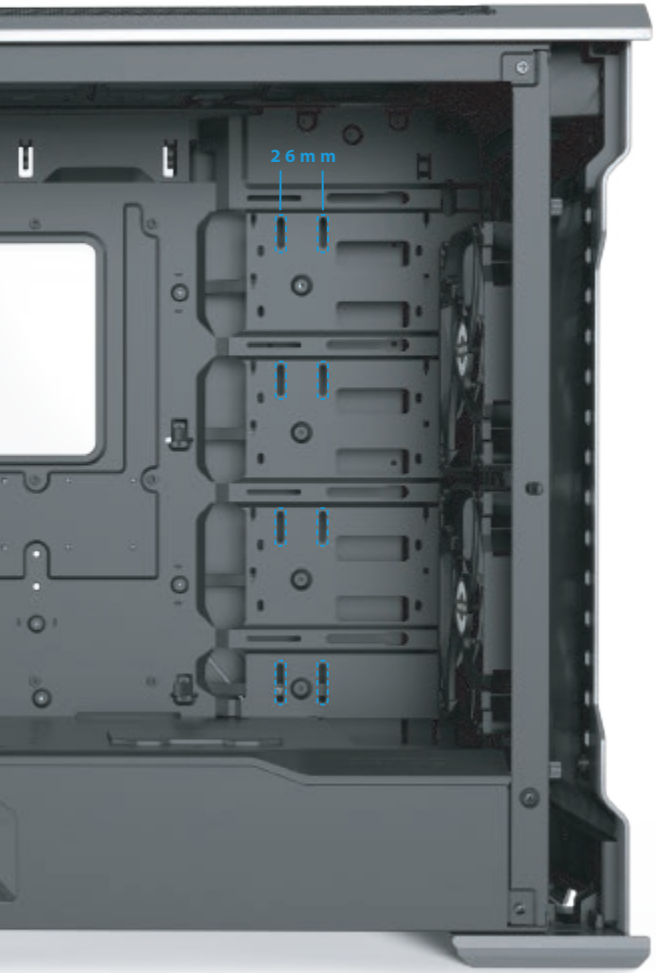


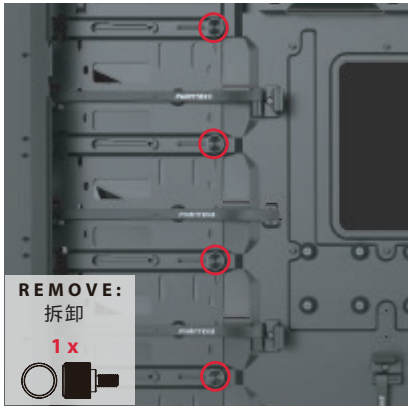
DRAIN PORT 排水口



RESERVOIR INSTALLATION 水箱安装

Reservoir mounting points are accessed by removing the Cable Covers.
通过卸下遮线盖可以看到水箱安装点。

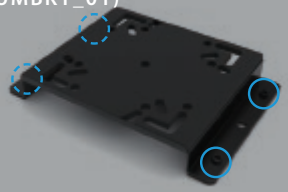


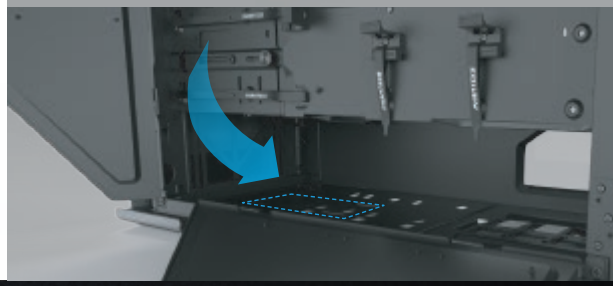


OPTIONAL PUMP BRACKET
可选水泵支架

The universal Pump Bracket can be installed in the bottom compartment using 4 case screws.
通用水泵支架可使用4个外壳螺钉安装在底部仓室中。

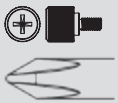
Pump Bracket sold separately
水泵支架可选购
(PH-PUMBKT_01)





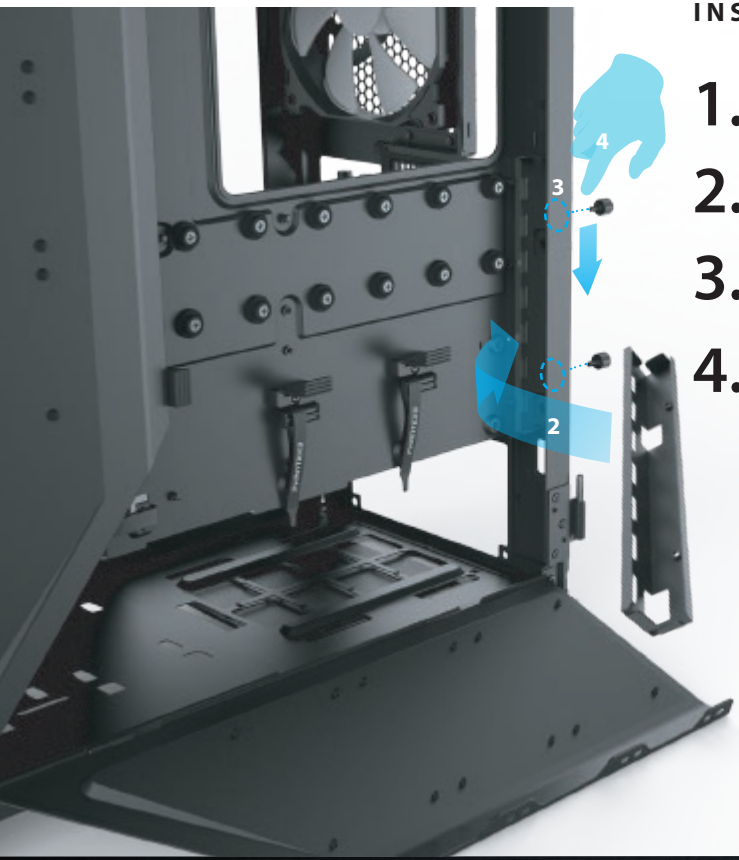
GPU ANTI-SAG BRACKET 显卡支撑架

REQUIRE:



To prevent your GPU from tipping down you can install the GPU Anti-Sag Bracket.

为了防止显卡倾斜，你可以使用显卡支撑架。



INSTALLING GPU ANTI-SAG BRACKET
安装显卡支撑架

1. **INSTALL ALL GPU AND PCI CARDS**
安装所有显卡和PIC卡

2. **PLACE THE GPU ANTI-SAG BRACKET**
固定好显卡支撑架

3. **INSERT THE THUMBSCREWS WITHOUT TIGHTENING THEM**
插入手拧螺丝不要拧紧

4. **PRESS DOWN AND LOCK THE THUMBSCREWS IN POSITION.**
按下并锁定手拧螺丝的位置

2 x



Always loosen the 2 thumb screws before removing any GPU or PCI card.
在卸下任何GPU或PCI卡之前，务必松开2个手拧螺钉。

CONNECTING FRONT I/O 连接前置I/O接口

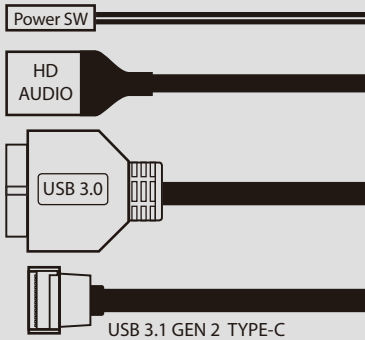
Please consult the motherboard manual for additional instructions.
有关其他说明，请参阅主板安装手册。

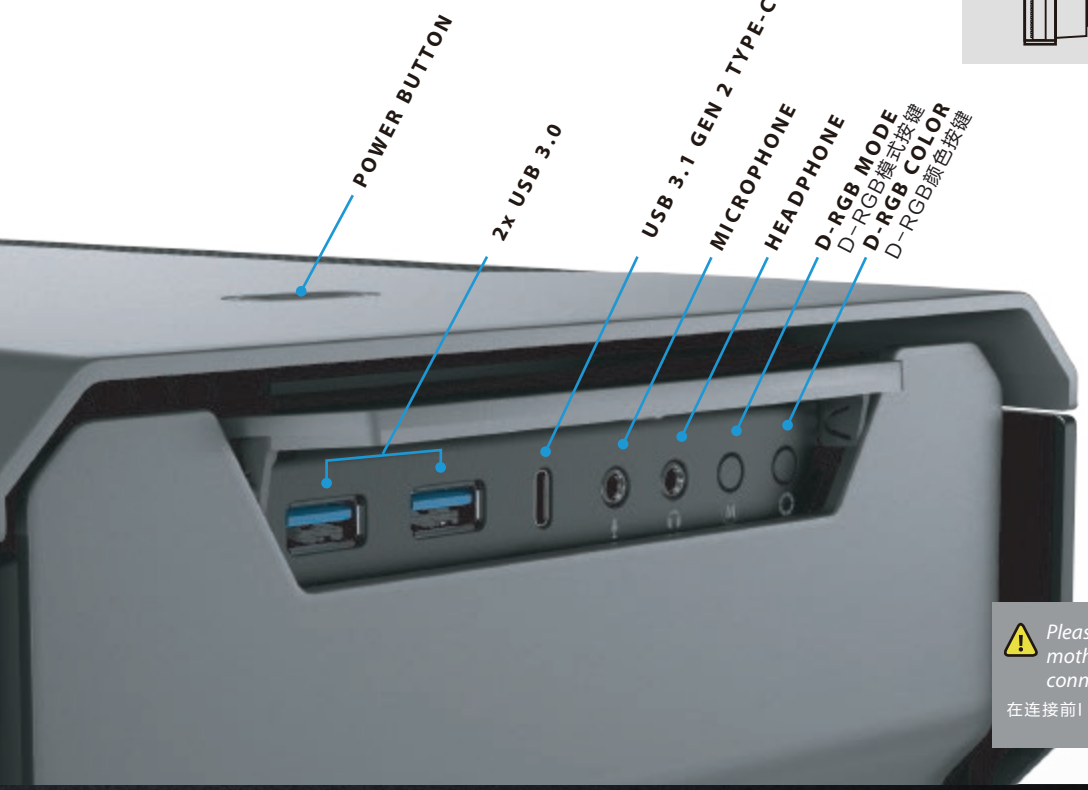
PRO TIP

There's no POWER LED +/ - cable. For powering your Evolv X lighting, please go to page 22.

本款机箱没有POWER LED + / − 线。
如需为Evolv X照明供电，请转至第22页。

TO MOTHERBOARD
连接到主板





Please make sure to consult your motherboard manual before connecting your front I/O.
在连接前I / O之前，请务必查阅主板手册。

D-RGB LIGHTING D-RGB 连接

The integrated D-RGB lighting is plug-and-play and can be expanded with up to 8 more D-RGB products from Phanteks.
集成D-RGB照明即插即用，可以扩展多达8种追风者D-RGB产品。

Please connect the 12V SATA connector to your PSU to power the case lighting. *请将12V SATA连接器连接到电源，为机箱灯光供电。*



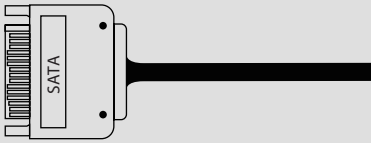
PRO TIP

All Phanteks D-RGB products can be Daisy-Chained to optimize cable management.
所有追风者 D-RGB产品都可以采用菊花式连接，以优化理线。

TO PHANTEKS D-RGB PRODUCTS
连接到追风者D-RGB灯控产品



TO POWER SUPPLY
连接电源



TO THIRD PARTYD-RGB PRODUCTS
注意:仅支持3针5V版DRGB主板接头



D-RGB CONTROLS
D-RGB灯控

MODE
- Solid
- Breathing
- Radar
- Sparkle
- Rainbow

COLOR

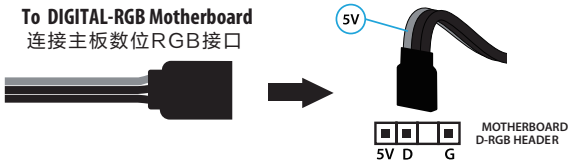
2 sec

Press & Hold MODE: Turn off Front LED's.
Press & Hold MODE 2 sec again: Turn off all LED's.
按住MODE键：关闭前部LED指示灯。
再次按住MODE键 2秒：关闭所有LED灯。

SYNC CASE LIGHTING WITH D-RGB COMPATIBLE MOTHERBOARD 机箱灯可同步主板D-RGB灯控

1. Connect the D-RGB motherboard connector to the motherboard.

将D-RGB主板连接器连接到主板。



主板D-RGB接口

2. Run the Motherboard Lighting software and follow the instructions to set up your lighting.

运行主板灯控软件并按照说明设置灯光。



D-RGB MOTHERBOARD ADAPTER

连接主板D-RGB的接头



Only connect Phanteks D-RGB products to a 3-pin 5V motherboard connector.

只能用追风者 D-RGB线连接到3针5V主板连接器。



MOTHERBOARD D-RGB HEADER

D-RGB主板接口

COMPATIBLE WITH

ADDRESSABLE

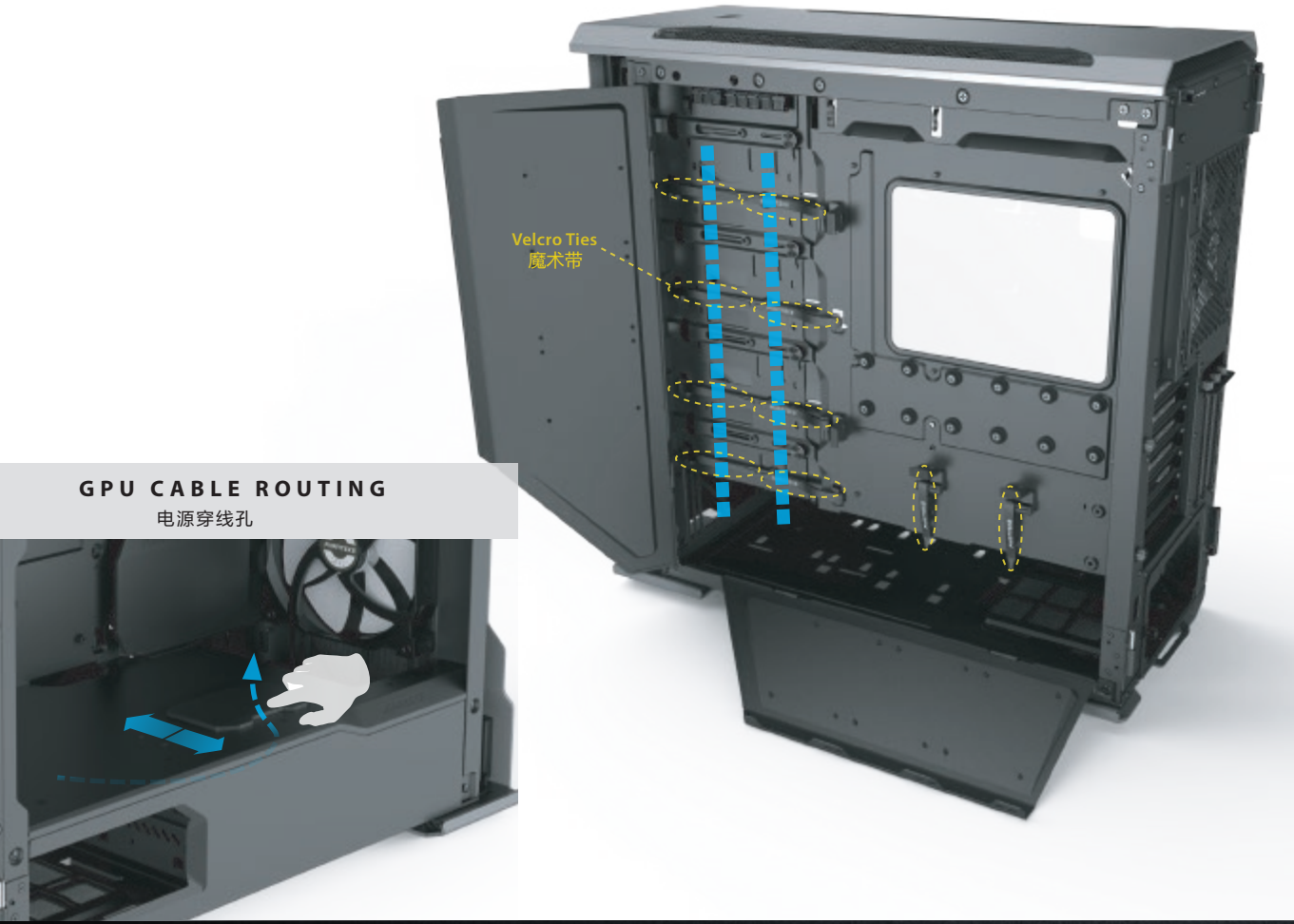
RAINBOW

兼容华硕、微星主板D-RGB接口

CABLE MANAGEMENT 理线管理

Use the velcro ties to route your cables before closing the SSD Covers. Zip ties are included in the accessory bag to manage any excess cables.

在关闭SSD盖之前，请使用魔术带来理线。配件包理配有理线扎带，用于管理更多的线缆。



GPU CABLE ROUTING

电源穿线孔

OPTIONAL UPGRADES 可选升级

2.5" SSD BRACKET PH-SDBKT_01
2.5"SSD支架

For 2.5" SSD Drive
支持2.5"SSD硬盘

Upgrade up to 3x additional 2,5" SSDs with the optional SSD brackets.
使用SSD支架可增至3个2.5" SSD硬盘



PAGE 14 第14页

3.5" STACKABLE HDD BRACKETS PH-HDDKT_03
3.5"可堆叠的HDD支架

For 3.5" or 2.5" Drive
兼容3.5"或2.5"硬盘

Upgrade up to 6x additional 3,5" HDDs with the optional HDD brackets.
使用可选HDD支架可增至6个3.5" HDD硬盘



PAGE 15 第15页

PHANTEKS PH-F120MP / PH-F140MP

High static pressure 120/140 mm fans
高风压静音风扇120/140mm

More fans can be installed in the Evolv X and connected to the Universal Fan Hub using splitter cables.
可以在Evolv X机箱中安装更多风扇，并使用分接线连接到风扇集线器中。



PAGE 12 第12页

DIGITAL-RGB LED COMBO SET PH-DRGBLED_CMBO
数位RGB幻彩灯带设置

High density Digital-RGB LED strips with magnets
带磁铁的高密数位幻彩灯条

The D-RGB equipped Evolv X is ready to expand with more D-RGB lighting products.
配备D-RGB的Evolv X机箱可以扩展更多D-RGB产品



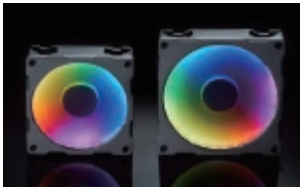
PAGE 22 第22页

HALOS (LUX) DIGITAL RGB FAN FRAMES
标准版（豪华版）数位RGB风扇圣环

PH-FF120DRGBA **PH-FF120DRGBP**
PH-FF140DRGBA **PH-FF140DRGBP**

High density Digital-RGB LED fan frames that illuminate any fan.
高密数位RGB LED风扇框架，可照亮所有风扇。

The D-RGB equipped Evolv X is ready to expand with more D-RGB lighting products.
配备D-RGB的Evolv X机箱可以扩展更多D-RGB产品



PAGE 22 第22页

"Y"-SPLITTER CABLES PH-CB-Y4P / PH-CB-Y3P
Y型分接线

4-pin / 3-pin Fan splitters 4针/3针风扇分接线
More fans can be connected to the Universal Fan Hub using splitter cables.
用该分接线可将更多的风扇接入集线器



PAGE 13 第13页

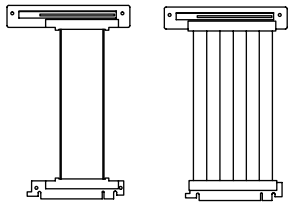
CABLE EXTENSION SET PH-CBCMB0
可定制延长线（另外选购）

- Available in multiple colors 有多种颜色可供选择
- Includes clear cable combs 包括透明电缆梳
- Also available as separate cables 也可作为单独分接线

Included cables:
- Motherboard 24-pin
- CPU 4+4-pin
- 2x GPU 6+2-pin



220 mm Slimline PCI-E x16 Riser Cable 90° — PH-CBRS_SL22
220 mm Premium Shielded High Speed PCI-E x16 Riser Cable 90° — PH-CBRS_PR22



Vertical GPU installation
垂直显卡安装

With the optional Riser Cable you can place any 2- or 3-slot GPU vertically.
使用可选的转接线，您可以垂直放置任何2槽或3槽显卡。

PAGE 27 第27页

ITX Upgrade Kit — PH-ITXKT_02



Dual System installation
双系统安装

With the optional Riser Cable you can place any 2- or 3-slot GPU vertically for your 2nd ITX system.
使用可选的转接线，可为第二个ITX系统垂直放置任何2槽或3槽显卡。

PAGE 28 第28页

Revolt X Power Supply — PH-P1000PS PH-P1200PS

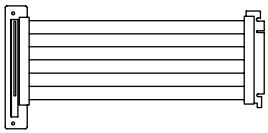


Dual System installation
双系统安装

The Revolt X power supply unlocks the Dual System Configuration. But also works great as a "single system" power supply.
Revolt X电源解锁双系统配置。 但作为"单一系统"电源也很实用。

PAGE 11 第11页

600 mm Premium Shielded High Speed PCI-E x16 Riser Cable 90° — PH-CBRS_PR60



Vertical GPU installation for 2nd system (Dual system configuration)
第二系统的垂直显卡安装（双系统配置）

With the optional Riser Cable you can place any 2- or 3-slot GPU vertically for your 2nd ITX system.
使用可选转接线，可为第二个ITX系统放置任何2或3插槽垂直显卡。

PAGE 29 第29页

INSTALLING VERTICAL GPU 安装垂直显卡

REQUIRE:



1. INSTALL RISER CABLE 安装延长线

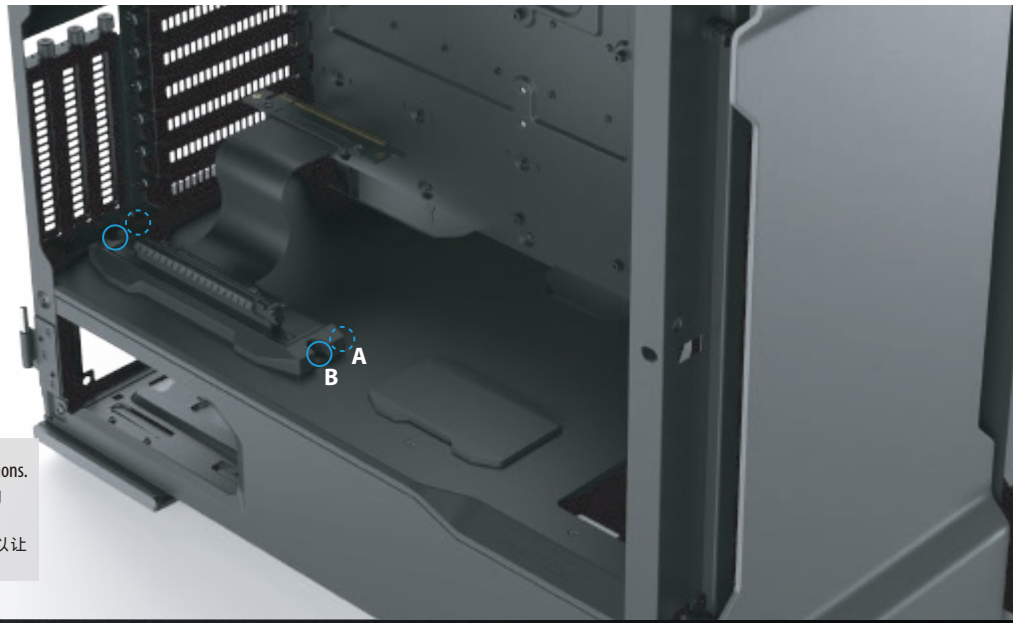
Riser Cable sold separately (PH-CBRS_SL22)
延长线需另选购



2 x



2. INSTALL VERTICAL GPU MOUNT WITH 2X SCREWS 使用2个螺丝安装显卡支架



2 x



PRO TIP

The GPU Mount has 2 mounting positions. Position A allows for better air cooling and 3-slot GPU cards.

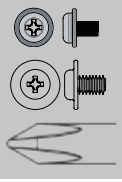
显卡安装座有2个安装位置。 位置A可以让更好的空气冷却和3插槽显卡。

INSTALLING DUAL SYSTEM 安装垂直显卡

ITX Bracket sold separately (*PH-ITXKT_02*)
ITX支架需另外选购

The Revolt X power supply from Phanteks is required for this configuration.
此配置需要追风者的Revolt X电源。

REQUIRE:



1. REMOVE THE DUAL SYSTEM COVER FROM THE CHASSIS.
从底盘上拆下双系统罩。

REMOVE:
2 x

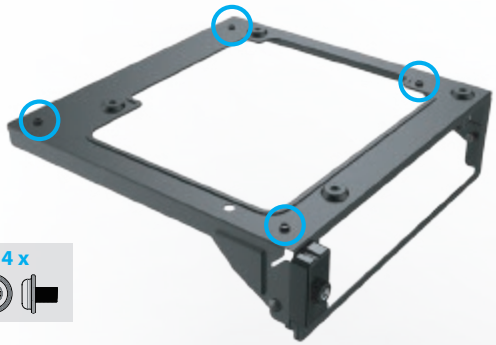


2. INSTALL YOUR ITX MOTHERBOARD ON THE BRACKET USING THE INCLUDED MOTHERBOARD SCREWS
用标配的主板螺丝将ITX主板安装在支架上

TO ITX MOTHERBOARD
连接到ITX主板

Power SW

Power LED



PRO TIP

Motherboard screws and ITX bracket screws are included with the ITX bracket (*PH-ITXKT_02*)

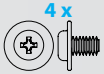
ITX支架附带主板螺钉和ITX支架螺钉

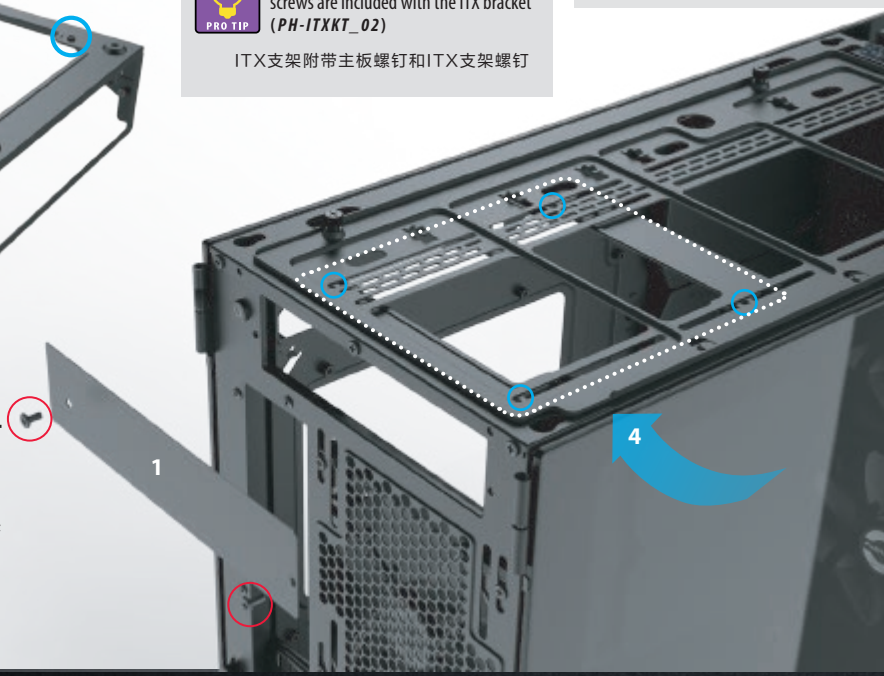
4 x

3. CONNECT THE POWER SWITCH AND LED CABLE
连接电源开关键及LED线

4. INSTALL THE ITX BRACKET WITH 4X ITX BRACKET SCREWS
用4颗ITX支架螺丝安装ITX支架

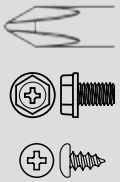
4 x





VERTICAL GPU SECOND SYSTEM 第二系统垂直显卡

REQUIRE:



1. INSTALL RISER CABLE
安装转接线

Riser Cable sold separately (PH-CBRS_PR60)
转接线需要另外选购

2 x

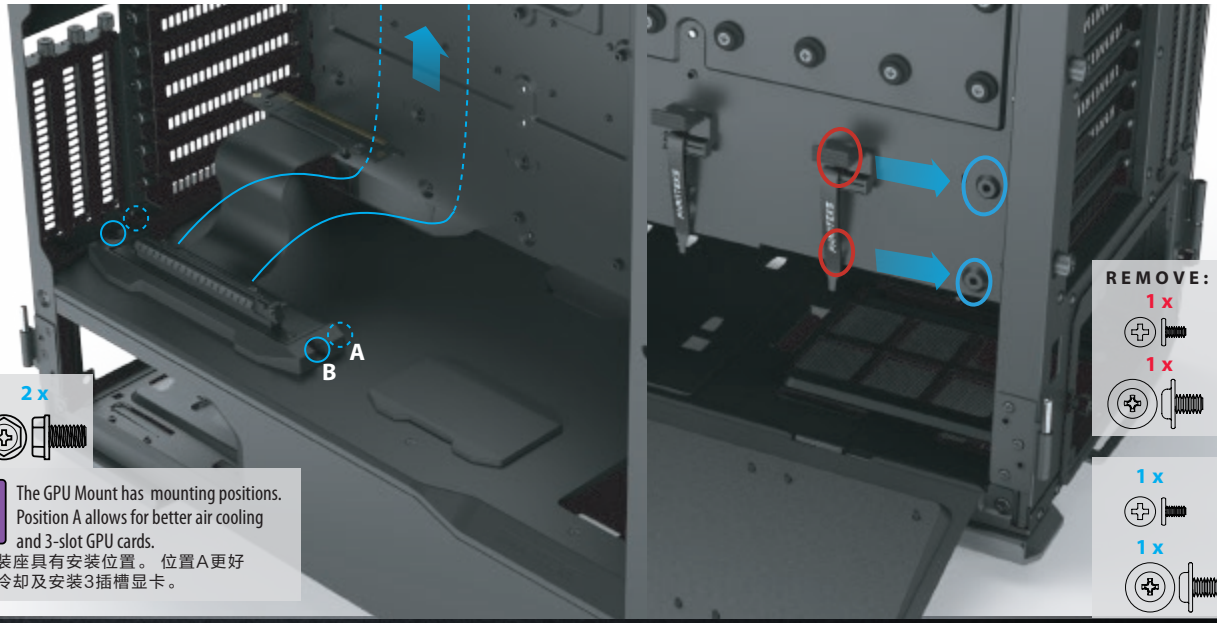




PRO TIP

Depending on your needs, it's not always necessary to install a GPU for your second system when your ITX motherboard is equipped with an onboard GPU.
根据您的需要，当您的ITX主板配备集成显卡时，可不为第二个系统安装显卡。

2. INSTALL VERTICAL GPU MOUNT WITH 2X SCREWS
用2颗螺丝安装垂直显卡支架



2 x

PRO TIP

The GPU Mount has mounting positions. Position A allows for better air cooling and 3-slot GPU cards.
显卡安装座具有安装位置。 位置A更好让空气冷却及安装3插槽显卡。

3. MOVE VELCRO TIE
移动魔术带

REMOVE:

1 x

1 x

1 x

1 x

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作为追风者的客户，服务致上。 我们组建了一支全球专业的团队，夜以继日，为用户提供优质的服务。 如果您对我们的产品有疑问或担忧，您可以通过多种联系方式找到我们。 请选择一个最方便您与我们团队联系的方式。

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WARRANTY 质保

PHANTEKS warrants its products to be free from defects in material and workmanship during the warranty period; when given normal, proper and intended usage. If a product proves to be defective in material or workmanship during the warranty period, PHANTEKS will, at its sole option, repair or replace the product with same product or similar product. The replacement product assumes the remaining warranty of the original product or 30 days, whichever provides longer coverage for the customer.

追风者保证产品在保修期内没有材料和工艺上的缺陷,给予正常，合适和预期的用途。 如果产品在保修期内提供证明材料或工艺有缺陷，追风者为您更换配件或换新。 换新产品假定原产品的剩余保修期为30天，将为客户提供更长的保修期。

Duration of warranty:
1. Fans - 5 years
2. I/O Ports - 2 years
3. Fan Hub -2 years
4. LED Lighting - 2 years
5. Buttons - 2 years
6. Chassis - 5 years
7. Front and Top Panels - 5 years

保修期限
1.风扇 – 5年
2. I / O端口 – 2年
3.集线器 – 2年
4. LED灯 – 2年
5.按钮 – 2年
6.机箱壳 – 5年
7.前面板和顶板 – 5年

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