



USER'S MANUAL



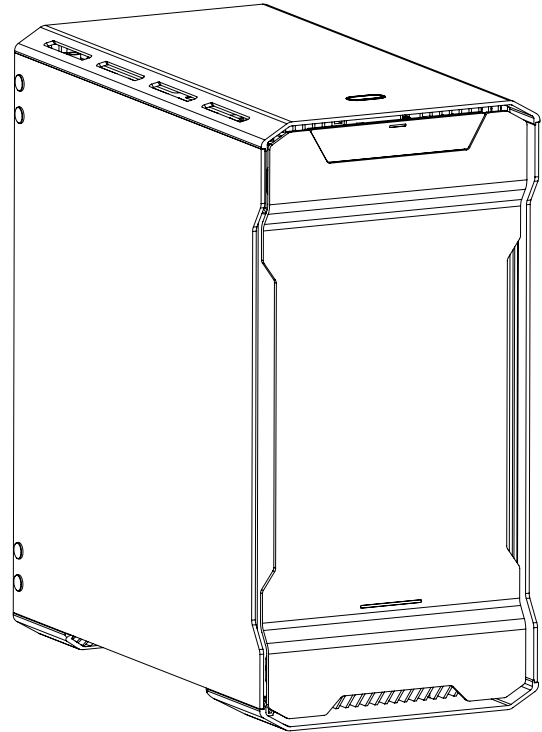
EVOLV MATX

PHANTEKS
DESIGNED IN THE NETHERLANDS

INTRODUCTION

Congratulations on your purchase of the Phanteks Evolv MATX case and welcome to the User's Guide. Phanteks believes that meaningful designs are created through the fusion of form and function.

The EVOLV MATX is the successor of the very first Evolv case and combines 3mm anodized aluminum with dual tempered glass side panels. System builders and watercooling enthusiasts can now present their build with a premium touch. The EVOLV MATX is equipped with innovative features, amazing (water) cooling potential, and RGB illumination.



Caution

Please take a moment to carefully go through the installation guide. Phanteks will not take responsibility for any damages incurred due to incorrect installation and incorrect usage of this product. Thank you.

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1. SPECIFICATIONS

CASE SPECIFICATIONS

Dimension	230 mm x 453 mm x 400 mm (W x H x D) 9.1 x 17.8 x 15.7 in
Form Factor	Micro Tower
Material(s)	Aluminum, Tempered Glass, Steel chassis
Motherboard support	Micro ATX, Mini ITX
Front I/O	USB 3.0, Mic, Headphone, RGB LED control
Side window	Yes, Tempered Glass Panels (left and Right)

EXPANSION & DRIVE BAYS

Expansion slots	4
Internal 3.5"	2x
Internal 2.5" (dedicated)	2x

COOLING

	120 mm	140 mm
Front	3x	2x (1 included)
Top	2x	2x
Rear	1x	1x (1 included)

LIQUID COOLING

	120 mm radiator	140 mm radiator
Front	Up to 360*	Up to 280
Top	Up to 240	Up to 280
Rear	120	140

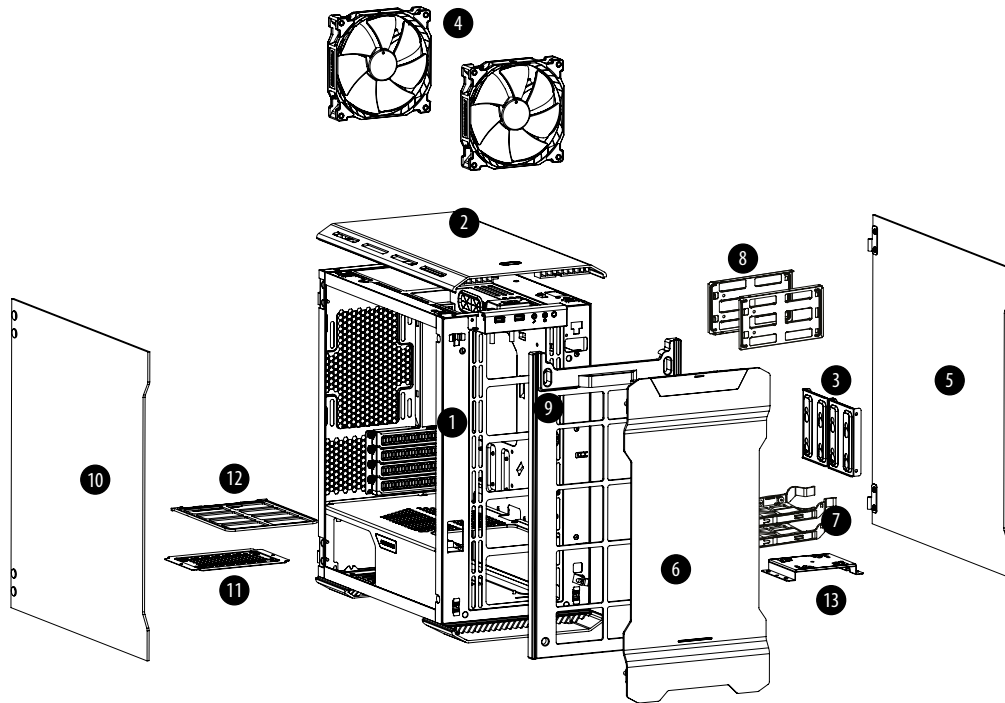
*3.5" HDD brackets needs to be removed for 360 radiators.
(up to 126 mm wide)

CLEARANCE

Graphic card	319 mm (12.5in)
CPU cooler	192 mm (7.5 in)
Cable Management	26 mm (1.0 in)
PSU (including cable)	216 mm

Model	PH-ES314ETG
Net Weight	9 kg (19.8 lbs)
Gross Weight	10 kg (22.0 lbs)

2. EXPLODED VIEW



1. Chassis
2. Top Panel
3. SSD Bracket
4. Fans
5. Right Side Panel
6. Front Panel
7. HDD Tray
8. Hard Drive Cage
9. Front Mesh cover
10. Left Side Panel
11. Mid-plate
12. Rear Dust Filter
13. Pump bracket

1. Châssis
2. Filtres de poussière inférieurs
3. Support SSD
4. PH-F140SP
5. Panneau latéral droit
6. Panneau frontal
7. Bacs HDD
8. Enclos du disque dur
9. Couverture de grille du panneau frontal
10. Panneau latéral gauche
11. Plaque centrale multifonctions
12. Panneau supérieur
13. Support de pompe

1. Telaio
2. Filtri antipolvere inferiori
3. Staffa SSD
4. PH-F140SP
5. Pannello laterale destro
6. Pannello frontale
7. Vassoi per disco rigido
8. Cage disco rigido
9. Copertura di rete frontale
10. Pannello laterale sinistro
11. Piastra centrale multifunzione
12. Pannello superiore
13. Staffa della pompa








1. Chassi
2. Painel Superior
3. Suporte do SSD
4. PH-F140SP
5. Painel Lateral Direito
6. Painel frontal
7. Tabuleiros de HDD
8. Berço do Disco Rígido
9. Tampa de malha frontal
10. Painel Lateral Esquerdo
11. Placa média multifuncional
12. Filtros de Pó Inferiores
13. Suporte da Bomba

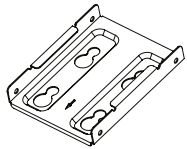
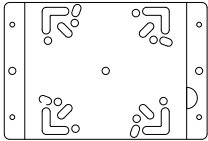
1. Chasis
2. Panel superior
4. Soporte de unidad de estado sólido
5. Panel lateral derecho
6. Panel frontal
7. Bandejas de unidad de disco duro
8. Compartimento de disco duro
9. Cubierta de malla frontal
10. Panel lateral izquierdo
11. Placa central multifuncional
12. Filtros de polvo inferiores
13. Soporte de bomba

1. Gehäuse
2. Untere Staubfilter
4. SSD-Halterung
5. Rechte Seitenblende
6. Frontblende
7. Festplatteneinsätze
8. Festplattenkäfig
9. Vordere Gitterabdeckung
10. Linke Seitenblende
11. Multifunktionale Platte in der Mitte
12. Untere Staubfilter
13. Pumpenhalterung

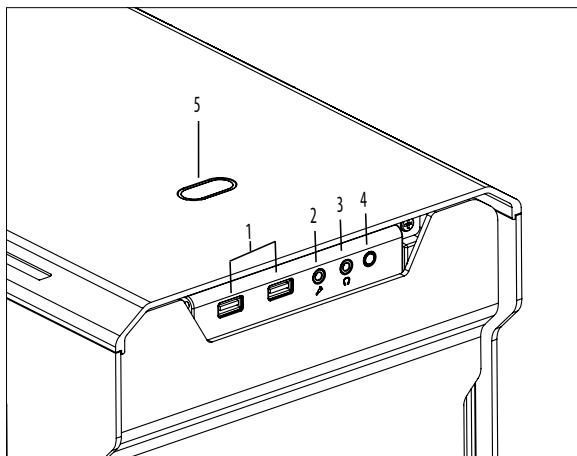
1. Behuizing
2. Toppaneel
4. SSD beugel
5. Rechter zijpaneel
6. Voorpaneel
7. Harde schijf houder
8. Harde schijf kooi
9. Voorzijde mesh deksel
10. Linker zijpaneel
11. Multifunctional mid-plate
12. Bodem stoffilter
13. Pomp beugel

3. ACCESSORIES & BRACKETS

ITEM	DESCRIPTION	USE	QTY
	Screw M3 x 5mm	Motherboard/SSD	17
	Stand Off Screws	Motherboard	1
	Thumb Screws 9*20mm	HDD Bracket, Side Panel	2
	KB4.8*10	Fan Screws	12
	CM6 #5	Pump Bracket	5
	Screw 6-32 x 6mm	PSU	5
	150mm Zip Tie	Cable management	6

	<p>SSD Bracket (2x)</p> <p>Support SSD (2x) SSD-Halterung (2x) Staffa SSD (2x) Suporte do SSD (2x) Soporte de unidad de estado solido (2x) SSD beugel (2x)</p>
	<p>Pump Bracket</p> <p>Support de pompe Pumpenhalterung Staffa della pompa Suporte da Bomba Soporte de Bomba Pomp beugel</p>

4. FRONT I/O



1. USB 3.0
2. Microphone
3. Headphone
4. LED Switch
5. Power Button

1. USB 3.0
2. Microphone
3. Casque
4. Interrupteur LED
5. Bouton d'alimentation

1. USB 3.0
2. Micrófono
3. Cascos
4. Interruptor LED
5. Botón de alimentación.

1. USB 3.0
2. Microfone
3. Fone de ouvido
4. Chave de LED
5. Botão de Alimentação

1. USB 3.0
2. Microfono
3. Cuffie
4. Interruttore LED
5. Tasto d'alimentazione

1. USB 3.0
2. Mikrofön
3. Kopfhörer
4. LED-Schalter
5. Ein-/Austaste

1. USB 3.0
2. Microfoon
3. Hoofdtelefoon
4. LED bediening
5. Power knop

RGB LED Control (4) Instructions:

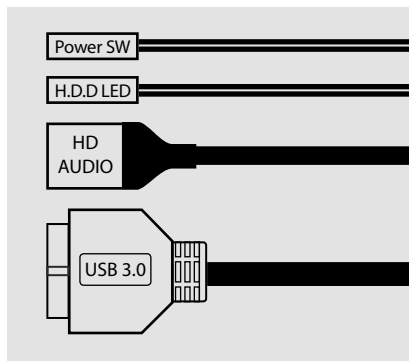
HOLD Long Press: On/Off

<1 sec Short Press (<1sec): Choose LED Color (10 colors)

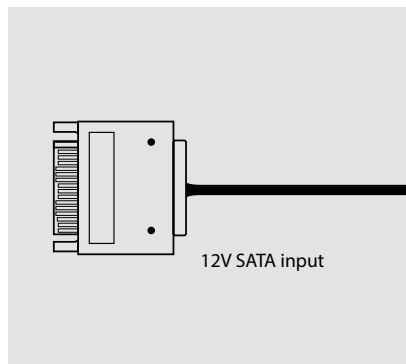
2 sec 2 Sec Press: Choose Mode
Mode 1: Static Mode 2: Breathing Mode 3: Color Cycle

5. CONNECTIONS

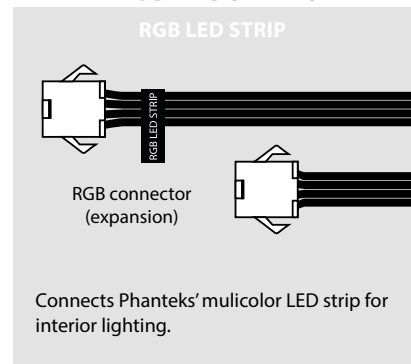
TO MOTHERBOARD



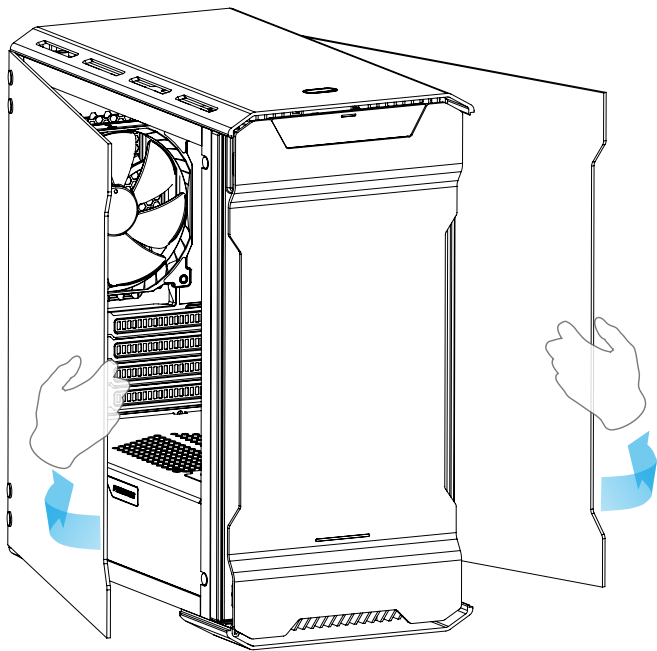
TO PSU



TO PHANTEKS RGB LEDSTRIPS



6. PANELS REMOVAL



Pull from the front and fully swing the panel out.

Tirez depuis l'avant et faites tourner le panneau complètement pour le sortir.

Von vorne ziehen und die Blende vollständig ausschwenken.

Tirare la parte frontale e far scivolare fuori completamente il pannello.

Puxe pela frente e retire o painel.

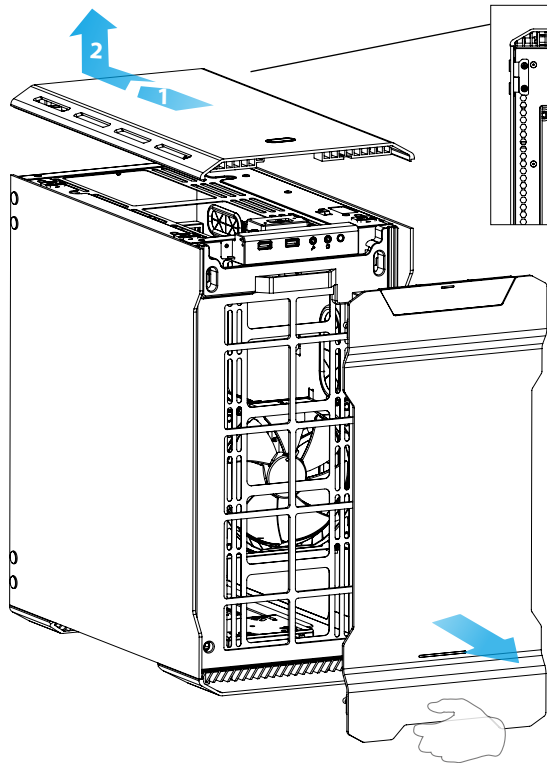
Tire de la parte frontal y desplace completamente el panel hacia afuera.

Trek het zij paneel los vanuit de voorzijde en zwaai het volledig open tot de achterzijde.



Caution when moving the case around, glass panels can automatically open.

6. PANELS REMOVAL



Remove / Retirer / Entfernen / Remover /
Quitar / Rimuovere / Verwijderen

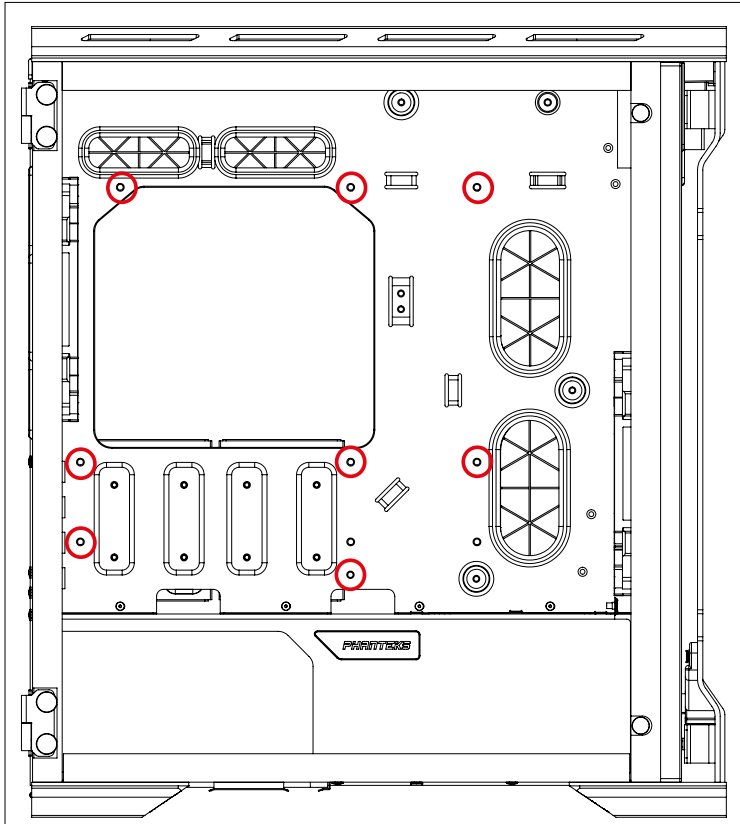
Pull up to remove the top panel.

Tirez vers le haut pour enlever le panneau supérieur.
Deckblende zum Entfernen nach oben ziehen.
Sollevare per rimuovere il pannello superiore.
Puxe para cima para remover o painel superior.
Tire del panel superior hacia arriba para retirarlo.
Trek naar boven om de toppaneel te verwijderen

For the front panel, place your hands on the area shown and pull outward.

Pour le panneau avant, placez vos mains sur la zone affichée, et tirez vers l'extérieur.
Positionieren Sie auch bei der Frontblende Ihre Hände an der angezeigten Stelle und ziehen Sie sie dann nach außen.
Per il pannello anteriore, posizionare le mani sull'area mostrata e tirare verso l'esterno.
Para o painel frontal, coloque as mãos na área ilustrada e puxe para fora.
Para sacar el panel frontal, coloque las manos en el área indicada y tire hacia afuera.
Voor het verwijderen van het voorpaneel, trek het paneel naar u toe zoals aangegeven op de tekening.

7. MOTHERBOARD INSTALLATION



Standoff screws are pre-installed.

Les vis du support sont préinstallées.

Abstandhalterschrauben sind vorinstalliert.

Le viti dei distanziatori sono installate precedentemente.

Os parafusos separadores estão pré-instalados.

Los tornillos separadores vienen preinstalados.

Afstandschroeven zijn vooraf geïnstalleerd

8. FILTERS REMOVAL

To clean the dust filters, run slow moving water through the filters. Dry filters before reinstalling.

Pour nettoyer les filtres à poussière, faites couler de l'eau sur les filtres.

Séchez les filtres avant de réinstaller.

Reinigen Sie die Staubfilter, indem Sie sie unter langsam fließendem Wasser abspülen.

Filter vor Wiedereinbau trocknen.

Per pulire i filtri antipolvere, far correre lentamente l'acqua attraverso i filtri.

Asciugare i filtri prima di installarli di nuovo.

Para limpar os filtros de poeiras, passe água em movimento lento através dos filtros.

Seque os filtros antes de reinstalar.

Para limpiar los filtros de polvo, deje que caiga agua corriente lentamente sobre los filtros.

Seque los filtros antes de volverlos a colocar.

Laat langzaam stromend water door de filter lopen voor het reinigen van de filters. Droog de filters voordat u hèt weer bevestigd.

To remove the bottom and front filter pull out. Mesh cover on top panel can also be cleaned.

Pour retirer les filtres en bas et à l'avant, tirez dessus. La grille du panneau avant peut aussi être nettoyée.

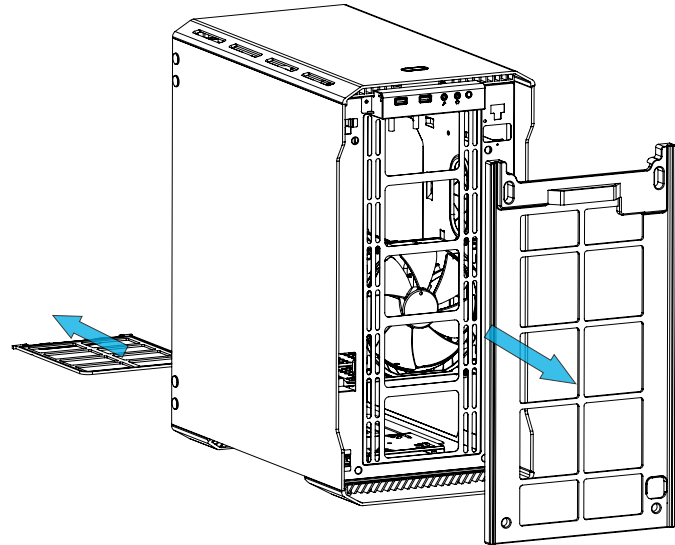
Ziehen Sie den unteren und vorderen Filter heraus. Die Gitterabdeckung an der oberen Blende kann ebenfalls gereinigt werden.

Tirare verso l'esterno per rimuovere il filtro inferiore e anteriore. È possibile lavare anche la copertura a rete sul pannello superiore.

Puxe para remover o filtro inferior e frontal. A tampa de rede do painel superior também pode ser limpa.

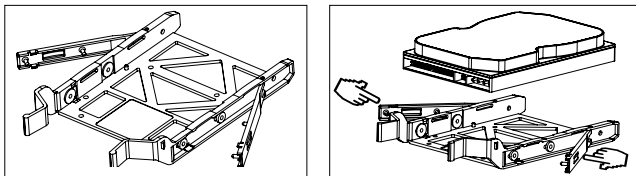
Para sacar el filtro inferior/frontal tire de él hacia afuera. La cubierta de malla del panel superior también se puede limpiar.

Voor het verwijderen van de stofilter bodem en voor, trek deze uit via de handvat. Mesh filter op het bovenpaneel kunnen ook schoongemaakt worden.



9. HARD DRIVE INSTALLATION

3.5" INSTALLATION



Place hard drive into tray and push in the arms to lock.

Placez le disque dur dans le logement et poussez les bras pour le verrouiller.

Bringen Sie die Festplatten im Fach an und drücken die Arme zum Verriegeln hinein.

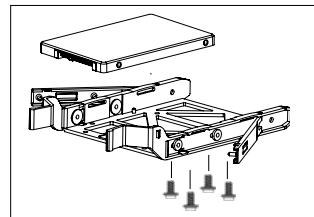
Collocare disco rigido nel cassetto e spingere i bracci verso l'interno per bloccare.

Coloque o disco rígido na bandeja e empurre os braços para travar.

Coloque el disco duro en la bandeja y pulse sobre los brazos para que quede sujeto.

Plaats de harde schijf in de lade en duw de armen in voor vergrendeling.

2.5" INSTALLATION



Align the SSD onto the mounting holes and screw in.

Aligner le SSD avec les trous de montage et vissez.

Richten Sie die SSD an den Montagelöchern aus und befestigen die Schrauben.

Allineare l'unità ssd su i fori di installazione e fissare le viti.

Alinhe o SSD nos orifícios de fixação e parafuse.

Alinee la unidad de estado sólido con los agujeros de montaje y atornillela.

Lijn de SSD uit op de bevestigingsgaten en schroef de schroeven in.

10. DROP-N-LOCK SSD BRACKET

SSD INSTALLATION

Slide in the SSD and screw in from the side to lock in place.

Faites coulisser le disque SSD et vissez-le depuis le côté pour le verrouiller dans son emplacement.

Schieben Sie die SSD ein und fixieren Sie diese seitlich mit Schrauben.

Far scorre l'unità SSD e fissare le viti dal lato per bloccarla in posizione.

Deslize para dentro do SSD e parafuse do lado para travar no local.

Deslice la unidad de estado sólido hacia adentro y atornillela desde el lateral para bloquearla en su lugar.

Schuif de SSD in en monteer de schroeven via de zijkant om deze te vergrendelen.

DROP N LOCK

Align the bracket to the rubber and drop down to lock.

Alignez le coin du support avec le guide et baissez-le pour verrouiller.

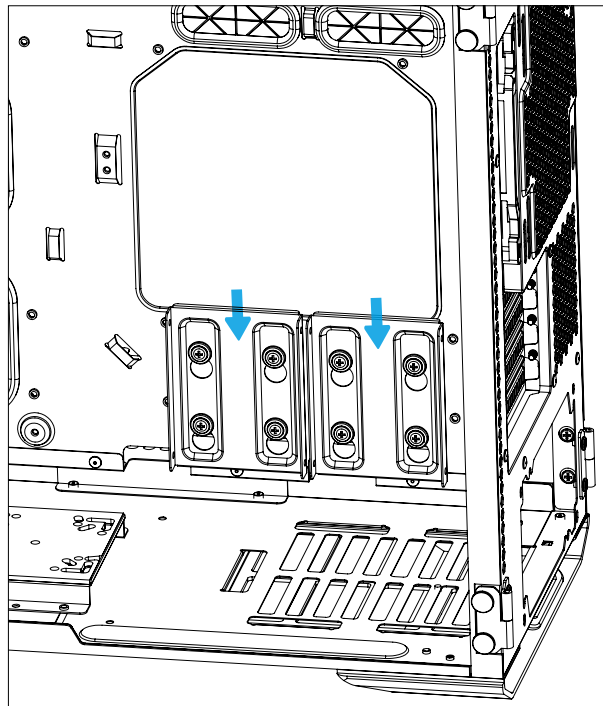
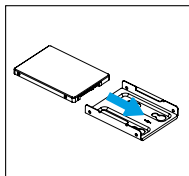
Richten Sie die Ecke der Halterung an der Führung aus und lassen sie einrasten.

Allineare l'angolo della staffa alla guida e calarla per bloccare.

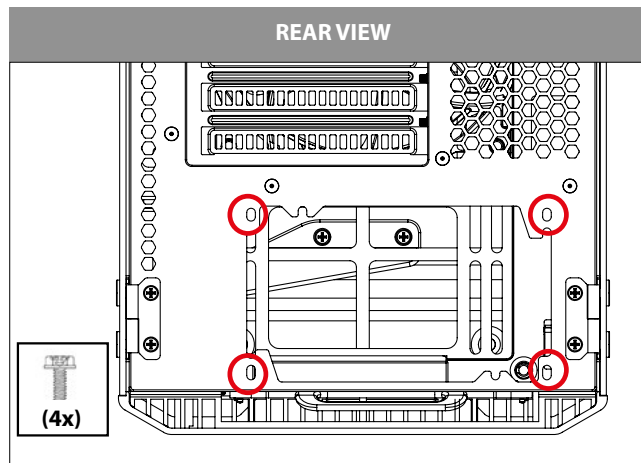
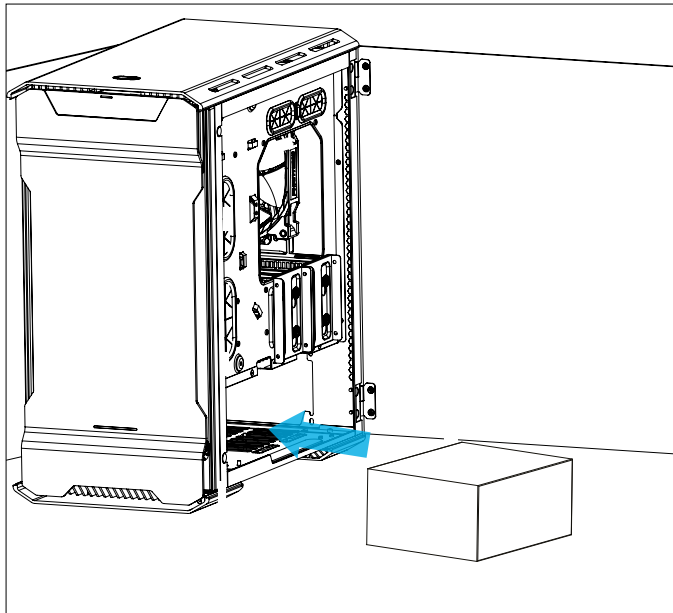
Alinhe o canto do suporte ao guia e empurre para baixo para travar.

Alinee la esquina del soporte con la guía y empuje hacia abajo para que quede sujeta.

Plaats de beugel langs de uitlijning en druk richting de pijl om te bevestigen.



11. POWER SUPPLY INSTALLATION



Use the provided screws to secure the PSU in place.

Utilisez les vis fournies pour fixer le bloc d'alimentation en place.

Befestigen Sie das Netzteil mit den mitgelieferten Schrauben.

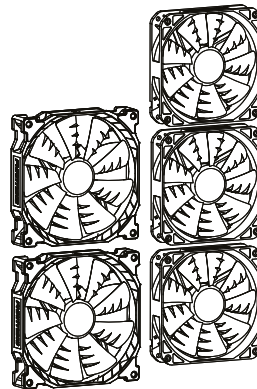
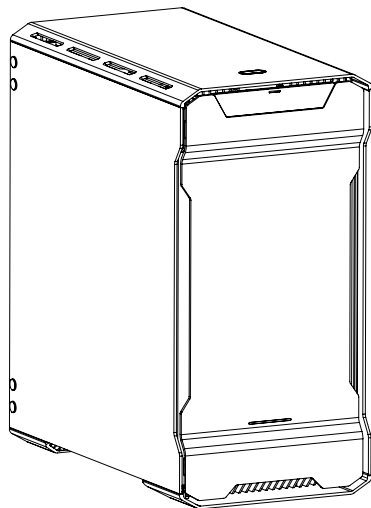
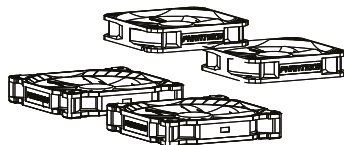
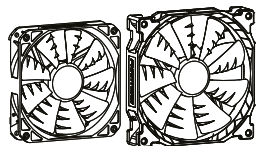
Utilizzare le viti fornite per fissare la PSU in sito.

Use os parafusos para fixar a Unidade de Proteção e de Comutação.

Utilice los tornillos suministrados para fijar la fuente de alimentación en su posición.

Gebruik de meegeleverde schroeven om de voeding vast te zetten.

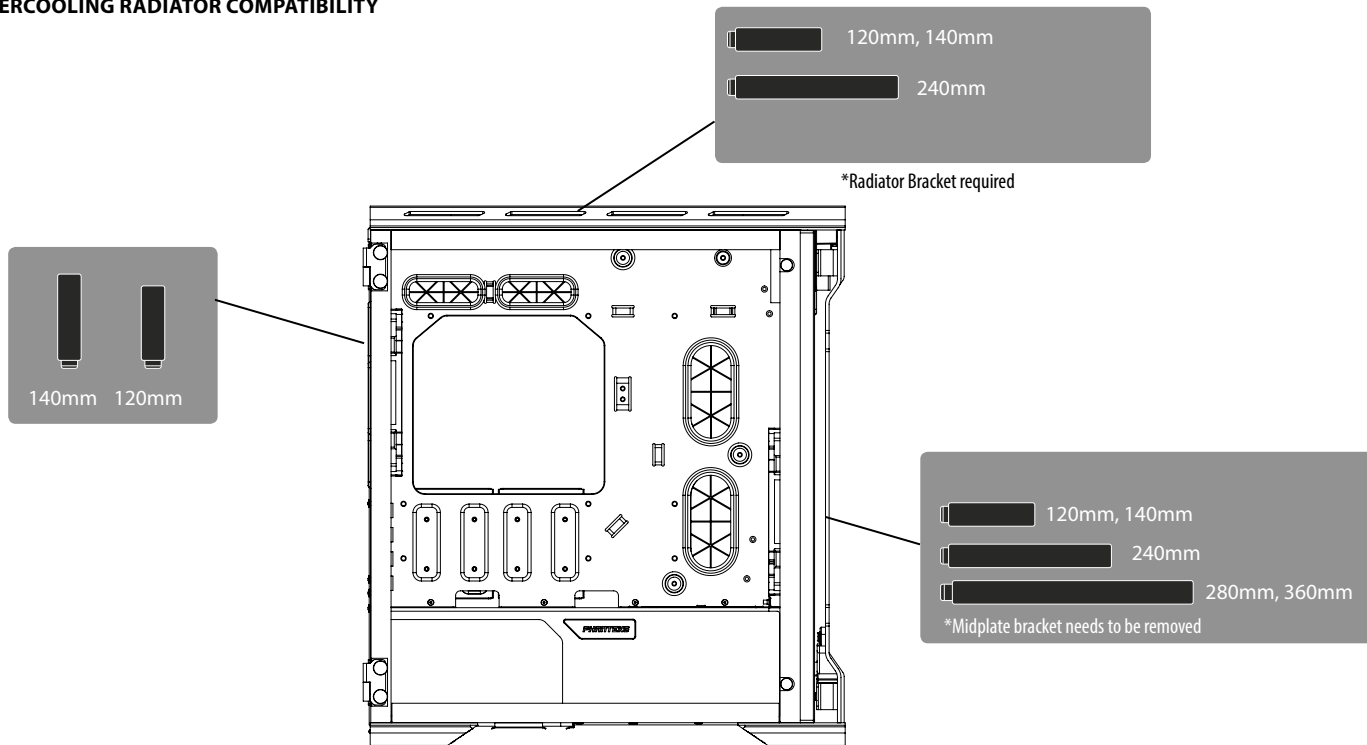
12. FAN COMPATIBILITY



FAN COMPATIBILITY TABLE		
	140mm	120mm
Top	2	2
Front	2	3
Rear	1	1

13. WATERCOOLING INSTALLATION

WATERCOOLING RADIATOR COMPATIBILITY



13. WATERCOOLING INSTALLATION

120 MM FORM FACTOR RADIATORS

Radiator Size	Front	Rear	Top
<i>Taille de radiateur</i> <i>Kühlkörpergröße</i> <i>Dimensioni del radiatore</i> <i>Tamanho do radiador</i> <i>Tamaño del radiador</i> <i>Radiator lengte</i>	<i>Avant</i> <i>Vorderseite</i> <i>Parte frontale</i> <i>Frente</i> <i>Frontal</i> <i>Voorkant</i>	<i>Arrière</i> <i>Rückseite</i> <i>Parte posteriore</i> <i>Traseira</i> <i>Posterior</i> <i>Achterkant</i>	<i>Dessus</i> <i>Oberseite</i> <i>Parte superiore</i> <i>Topo</i> <i>Superior</i> <i>Bovenkant</i>
120mm	✓	✓	✓
240mm	✓		✓
360mm	✓		

***Caution: Supported Radiator size and thickness varies depending on your setup.**

*Avertissement : Les tailles de radiateur et les épaisseurs supportées varient en fonction de votre configuration.

*Achtung: Unterstützte Kühlkörpergröße und -dicke variieren je nach Aufbau.

*Attenzione: Le dimensioni e lo spessore supportati per il radiatore dipendono dalla configurazione.

*Atenção: O tamanho e espessura do Suporte do Radiador variam dependendo da configuração.

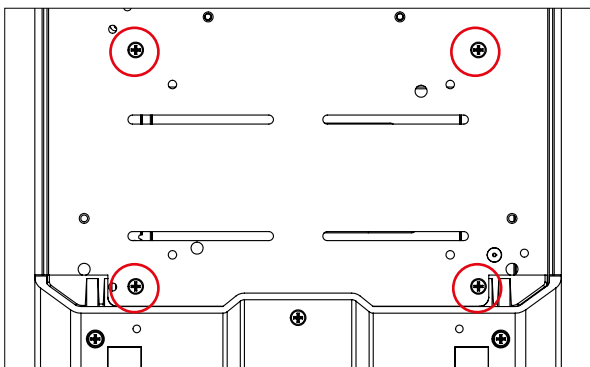
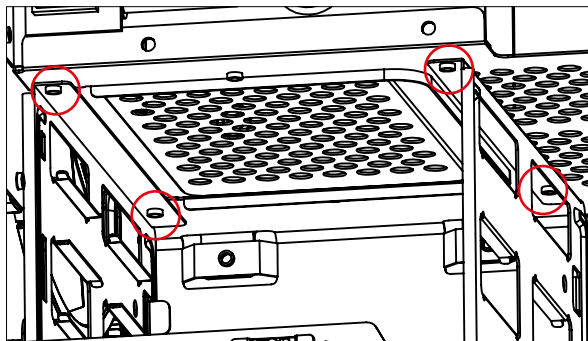
*Precaución: el grosor y el tamaño del radiador compatibles varían según la instalación que realice.

*Let op : Ondersteunde radiator grootte en dikte varieert afhankelijk van de opstelling.

140 MM FORM FACTOR RADIATORS

Radiator Size	Front	Rear	Top
<i>Taille de radiateur</i> <i>Kühlkörpergröße</i> <i>Dimensioni del radiatore</i> <i>Tamanho do radiador</i> <i>Tamaño del radiador</i> <i>Radiator lengte</i>	<i>Avant</i> <i>Vorderseite</i> <i>Parte frontale</i> <i>Frente</i> <i>Frontal</i> <i>Voorkant</i>	<i>Arrière</i> <i>Rückseite</i> <i>Parte posteriore</i> <i>Traseira</i> <i>Posterior</i> <i>Achterkant</i>	<i>Dessus</i> <i>Oberseite</i> <i>Parte superiore</i> <i>Topo</i> <i>Superior</i> <i>Bovenkant</i>
140mm	✓	✓	✓
280mm	✓		

14. HARD DRIVE CAGE



Bottom view of case

HDD BRACKET REMOVAL

To remove, unscrew the 4x screws on the midplate and the 4x screws on the bottom of the case.

Para remover, solte os 4x parafusos na placa do meio e os 4x parafusos na parte inferior do gabinete.

Zur Abnahme lösen Sie die 4 Schrauben an der mittleren Platte und die 4 Schrauben an der Unterseite des Gehäuses.

Per la rimozione, svitare le 4 viti sulla piastra intermedia e le 4 viti sulla parte inferiore del case.

Para remover, solte os 4x parafusos na placa do meio e os 4x parafusos na parte inferior do gabinete.

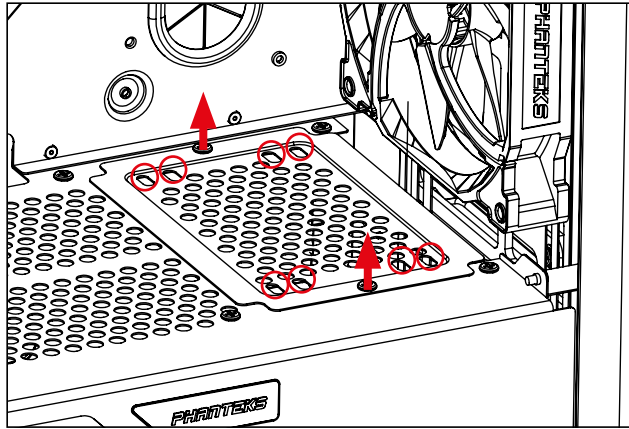
Para realizar la extracción, desatornille los 4 tornillos situados en la placa central y los 4 tornillos situados en la parte inferior de la carcasa.

Om te verwijderen, verwijder 4x schroeven op de middenplaat en 4x schroeven op de bodemplaat van de behuizing.

15. PUMP BRACKET INSTALLATION

PUMP INSTALLATION

Location 1



Pump bracket with universal mounting allows for multiple pumps to be installed.

Support de pompe avec montage universel permettant d'installer plusieurs pompes.

Pumpenhalterung mit Universalmontage ermöglicht die Installation mehrerer Pumpen.

La staffa della pompa con collegamento universale permette di installare varie pompe.

Soporte da Bomba com suporte universal permite que múltiplas bombas sejam instaladas.

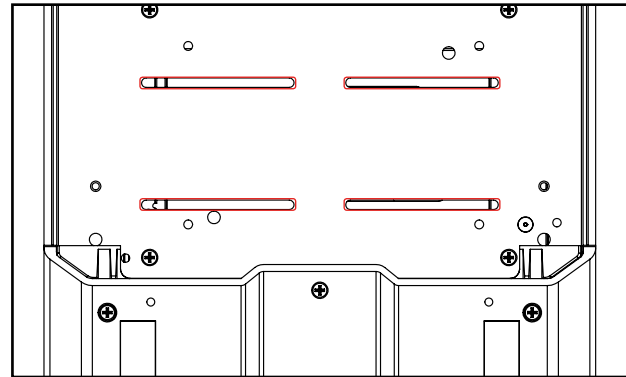
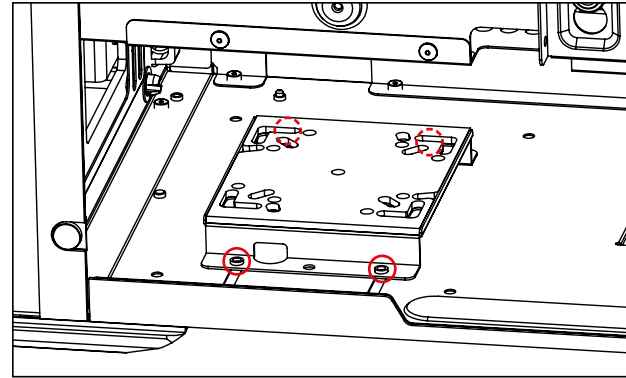
El soporte de bomba con montaje universal le permite instalar varias bombas.

Pompbeugel met universele schroefgaten geeft ondersteuning voor meerdere type pompen.



Phanteks' pump bracket can also be 1) mounted on a 120mm fan mount location or 2) onto a 120mm fan. This can be very useful for positioning pump/reservoir combo solutions.

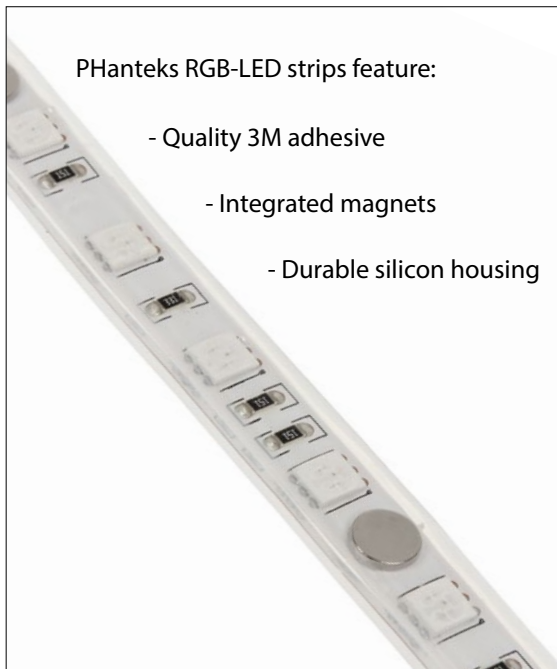
Location 2



Bottom view of case

16. UPGRADE & EXPAND

The RGB controller in the Evolv MATX supports up to 5 meters of LED strips. This allows you to expand your LED lighting throughout the entire case as well as outside the case.



We provide the following LED products:

STARTER RGB-COMBO SET

- 2x 40cm magnetic RGB-LED strip
- Extension cable
- Motherboard RGB adapter
- High quality 3M adhesive

40CM MAGNETIC RGB-LED STRIP

- Easy installation thanks to magnets
- High quality 3M adhesive included

100CM MAGNETIC RGB-LED STRIP

- Easy installation thanks to magnets
- High quality 3M adhesive included

200CM MAGNETIC RGB-LED STRIP

- Easy installation thanks to magnets
- High quality 3M adhesive included

RGB-LED ADAPTER

- Also functions as an extension cable
- Allows you to synchronize with other RGB products using the industry standard connector

16. UPGRADE & EXPAND

PWM HUB

PH-PWHUB_01

- Up to 6x fan connection
- PWM functionality
- Cable management



RGB M/B ADAPTER

PH-CB-RGB4P

- RGB Synchronization to M/B
- Easy plug and play
- Long cable length
- Sync Phanteks cases, LED strips, and motherboard's software.



PHANTEKS PH-F140MP

- High static pressure
- Silent operation
- 120mm and 140mm sizes
- Available in Black or White



CABLE EXTENSION SET

PH-CBCMB0

- Available in multiple colors
- Includes clear cable combs
- Also available as separate cables

Included cables:

- Motherboard 24-pin
- CPU 4+4-pin
- 2x GPU 6+2-pin



17. SERVICES AND SUPPORT

As a Phanteks customer, you are priority number one. We have a dedicated team of employees across the globe working hard every day to make sure we deliver the superior experience you deserve. We are here for you. If you have a question or a concern about our products, we have numerous ways you can reach us. Please choose one most convenient for you to connect with our team.

CUSTOMER CARE

RMA and Technical Support

Hours : Monday-Friday 9:00-5:00 PST

Phone number : +1(909)598-2115

Email us : support@phanteksusa.com (US)

Email us : support@phanteks.com (International)

PHANTEKS
DESIGNED IN THE NETHERLANDS