



Case

EP23
ENERPAZO

EP237
ENERPAZO

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Specification

Model Name		ECA-EP23 Series	ECA-EP237 Series
Dimensions(Case)		370 x 210 x 435	
Material		Tempered Glass, SPCC	
M/B Type		Micro-ATX, Mini-ITX	ATX, Micro-ATX, Mini-ITX
I/O		USB 3.2 Gen1 x 2, USB 3.2 Gen2 Type C x 1, HD Audio	USB 3.2 Gen1 x 2, USB 2.0 x 1, HD Audio
Drive Bays	3.5"	2	
	2.5"	3 (1 x converted from 3.5"HDD Cage)	
Expansion Slots		5	7
Fan Support	Front	3 x 120mm / 2 x 140mm	
	Top	2 x 120mm / 2 x 140mm	
	Rear	1 x 120mm	
	PSU Tunnel	2 x 120mm	
Radiator Support	Front	240 / 280 /360mm	
	Top	240 / 280mm	-
	Rear	120mm	
	PSU	185mm(Maximum)	
Clearance	GPU	325mm(With Radiator) 365mm(Without Radiator)	
	CPU Cooler	162mm	
Cable Routing Space		25mm	

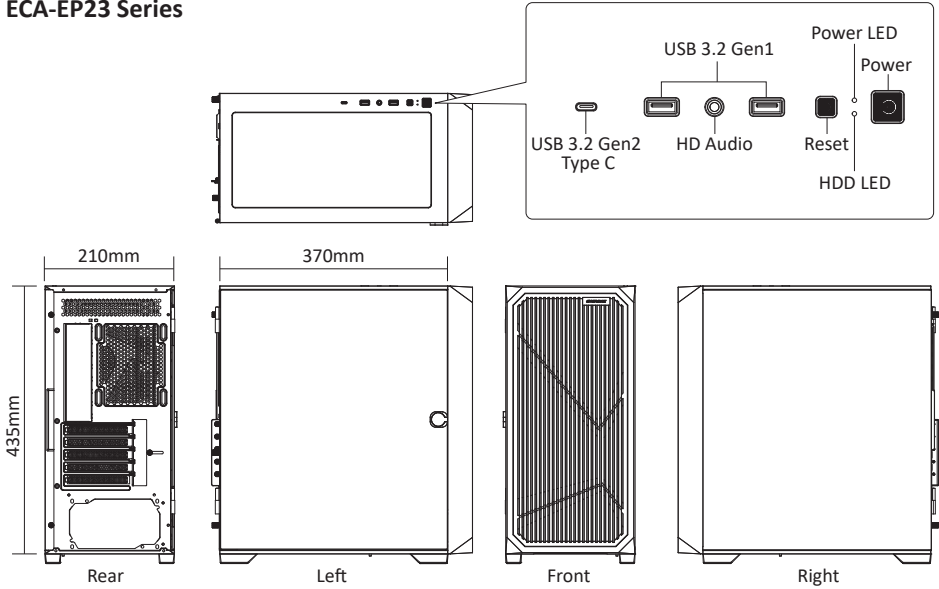
*Product specifications are subject to change without notice.

*Options vary by countries or regions.

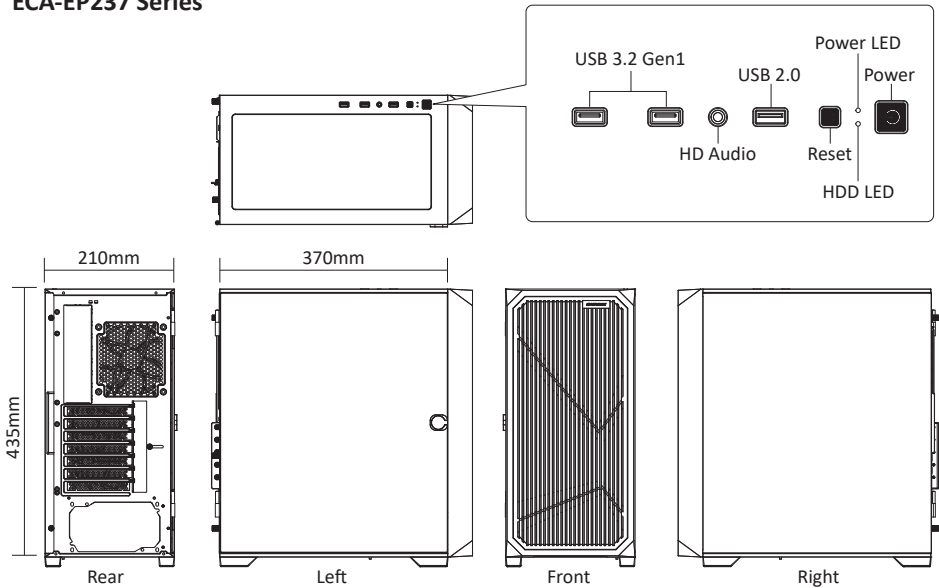
Product View

*The actual product depends on different regions or countries.

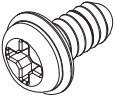
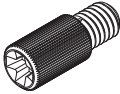

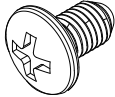
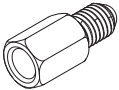

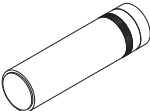
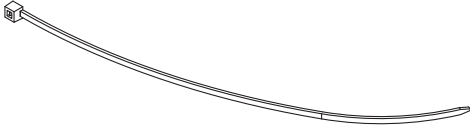
ECA-EP23 Series



ECA-EP237 Series



Accessory Box Contents

<p>A</p>  <p>Screw for M/B mounting X 12 (Also for 2.5" SSD mounting)</p>	<p>B</p>  <p>Stand-off bolt for 2.5" SSD mounting X 8</p>
<p>C</p>  <p>Anti-vibration rings for 2.5" SSD mounting X 8</p>	<p>D</p>  <p>Screw for 3.5" HDD mounting X 8</p>
<p>E</p>  <p>Stand-off bolt for M/B mounting X 2</p>	<p>F</p>  <p>Screw for PSU & expansion slots mounting X 6</p>
<p>G</p>  <p>GPU holder X 1 *Only for ECA-EP23 Series</p>	
<p>H</p>  <p>Cable ties X 5</p>	

Cable Connection Description

ECA-EP23 Series

	Panel Connector	HD Audio Connector	USB 3.2 Gen2 Type C Connector	USB 3.2 Gen1 Connector	SYNC	SATA
Motherboard	<p>ID ELED+ □ PLED+ ID ELED- □ PLED- Ground □ PWR Reset □ GND NC □ No Pin</p>	<p>MIC_L □ AGND MIC_R □ PRESENSE# HP_R □ MIC2_ID Jack_Sense □ No Pin HP_L □ HP_HD</p>	<p>SBU2 TX2+ SBU1 TX2- CC1 GND VBUS RX1+ RX1- GND RX2+ TX1+ GND TX1- D+ VBUS CC2</p>	<p>IntA_P2_D+ ID IntA_P2_D- IntA_P2_D+ GND IntA_P2_D- IntA_P2_SSTX+ GND IntA_P2_SSTX- IntA_P2_SSTX+ GND IntA_P2_SSTX- IntA_P2_SSRX+ GND IntA_P2_SSRX- IntA_P2_SSRX+ Vbus Vbus</p>	<p>5V D - G</p>	
Cable	<p>POWER SW PWR GND RESET SW Ground Reset H.D.D. LED ID ELED+ ID ELED- POWER LED- PLED- POWER LED+ PLED+</p>					<p>*Please connect to PSU.</p>

- EN** It might be some differences among each M/B, please check with your M/B manual before installing.
- DE** Es könnten Unterschiede zwischen den einzelnen M/B bestehen, bitte überprüfen Sie das M/B-Handbuch vor der Installation.
- FR** Il pourrait y avoir quelques différences entre chaque carte-mère, nous vous invitons à consulter le manuel de votre carte-mère avant l'installation.
- IT** Potrebbero esserci delle differenze tra ciascuna M/B, si prega di controllare il manuale della M/B prima dell'installazione.
- ES** Podría haber algunas diferencias entre cada M/B, por favor, consulte el manual de su M/B antes de instalar.
- JP** 各M/B、仕様が異なる場合がございます。インストールする前にM/Bのマニュアルをご確認ください。
- TW** 不同主版可能會有些許不同，安裝前請查閱您的主板說明書。
- CN** 不同主版可能會有些許不同，安裝前請查閱您的主板說明書。
- RU** Между каждым M/B могут быть некоторые различия, пожалуйста, проверьте руководство по M/B перед установкой.
- PL** Może występować pewne różnice pomiędzy poszczególnymi M/B, przed instalacją prosimy sprawdzić instrukcję obsługi M/B.
- KR** 마더보드 제조사에 따라 상이할 수 있으나, 설치 전에 마더보드 매뉴얼을 확인 후 커넥터를 위치에 맞게 설치하세요.
- TH** อาจมีความแตกต่างบางประการระหว่างแต่ละเมนบอร์ด โปรดตรวจสอบคู่มือของเมนบอร์ด ของคุณก่อนการติดตั้ง.
- FA** ممکن است تفاوتهایی بین هر M/B وجود داشته باشد، لطفاً قبل از نصب، دفترچه راهنمای M/B خود را بررسی کنید.

Cable Connection Description

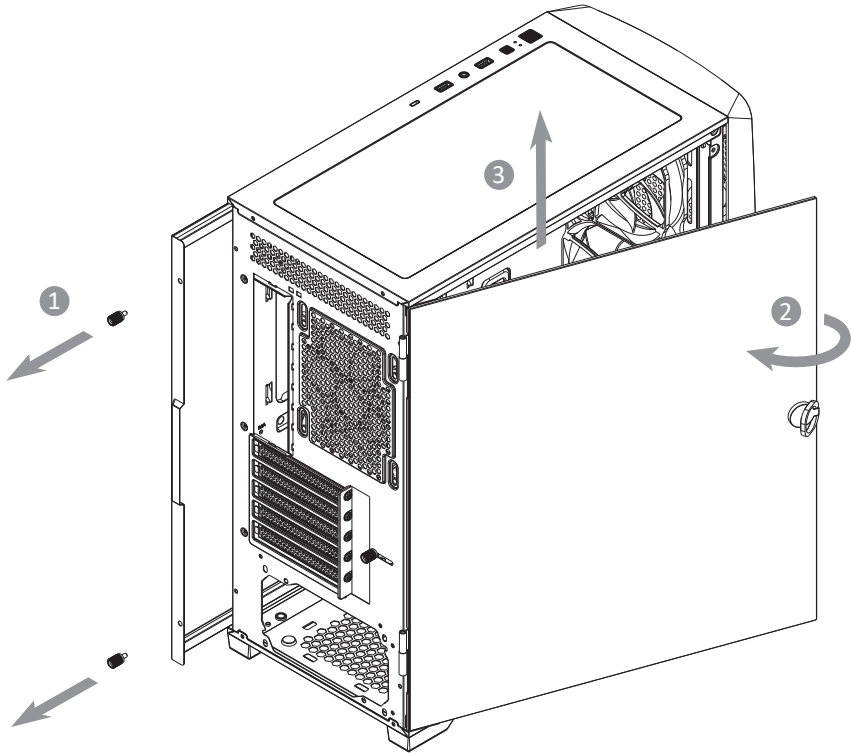
ECA-EP237 Series

	Panel Connector	HD Audio Connector	USB 2.0 Connector	USB 3.2 Gen1 Connector	SYNC	SATA
Motherboard	<p>ID ELED+ — PLED+ ID ELED- — PLED- Ground — PWR Reset — GND NC — No Pin</p>	<p>MIC2_L — AGND MIC2_R — PRESENSE# HP_R — MIC2_ID Jack_Sense — No Pin HP_L — HP_HD</p>	<p>(Optional)</p> <p>USB +5V — USB +5V USB_P- — USB_P- USB_P+ — USB_P+ GND — GND No Pin — NC</p>	<p>IntA_P2_D+ — ID IntA_P2_D- — IntA_P2_D+ IntA_P2_SSTX+ — GND IntA_P2_SSTX- — IntA_P2_SSTX+ IntA_P2_SSRX+ — GND IntA_P2_SSRX- — IntA_P2_SSRX+ Vbus — Vbus</p>	<p>5V D -G</p>	
Cable	<p>POWER SW — PWR RESET SW — Ground H.D.D. LED — ID ELED+ POW LED- — PLED- POW LED+ — PLED+</p>					<p>*Please connect to PSU.</p>

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Installation Step 1

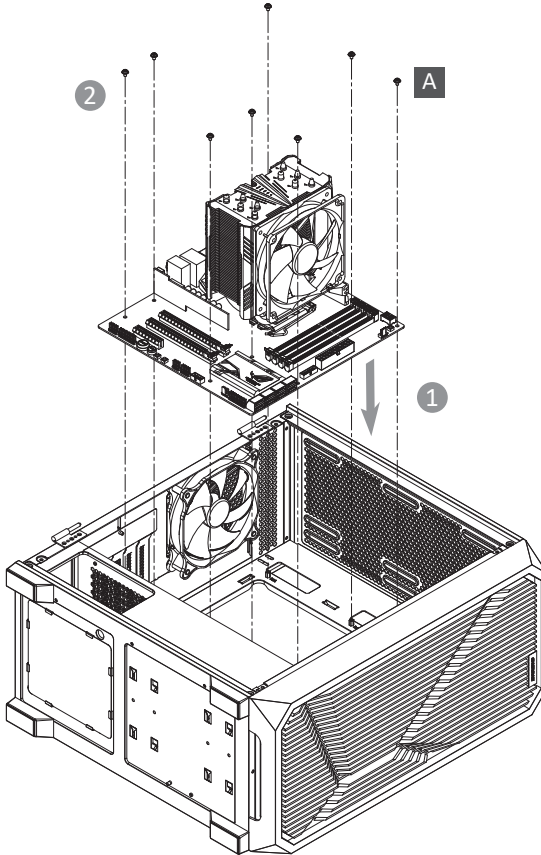
*The image is for illustration purposes only. Please refer to the actual product for specifications.



- EN** Remove both side panels.
DE Entfernen Sie beide Seitenteile.
FR Retirez les deux panneaux latéraux.
IT Rimuovere entrambi i pannelli laterali.
ES Quite ambos paneles laterales.
JP 両側のパネルを取り外します。
TW 將兩側側板拆卸。
CN 將兩側側板拆卸。
RU Снимите обе боковые панели.
PL Zdejmij obie boczne panele.
KR 사이드 패널과 강화 유리 도어를 그림과 같은 방향으로 탈거해 주세요.
TH ถอดฝาทั้งสองด้านออก
FA هر دو پنل جانبی را بردارید.

Installation Step 2

*The image is for illustration purposes only. Please refer to the actual product for specifications.



EN Install the motherboard into the chassis.

DE Installieren Sie das Mainboard in das Gehäuse.

FR Installez la carte-mère dans le châssis.

IT Installare la scheda madre nel telaio.

ES Instale la placa madre en el chasis.

JP マザーボードをケースに取り付けます。

TW 將主板安裝到機殼內。

CN 將主板安裝到机壳內。

RU Установите материнскую плату в корпус.

PL Zainstaluj płytę główną w obudowie.

KR 마더보드를 M/B 스크류(D)를 이용하여 케이스에 설치하세요.

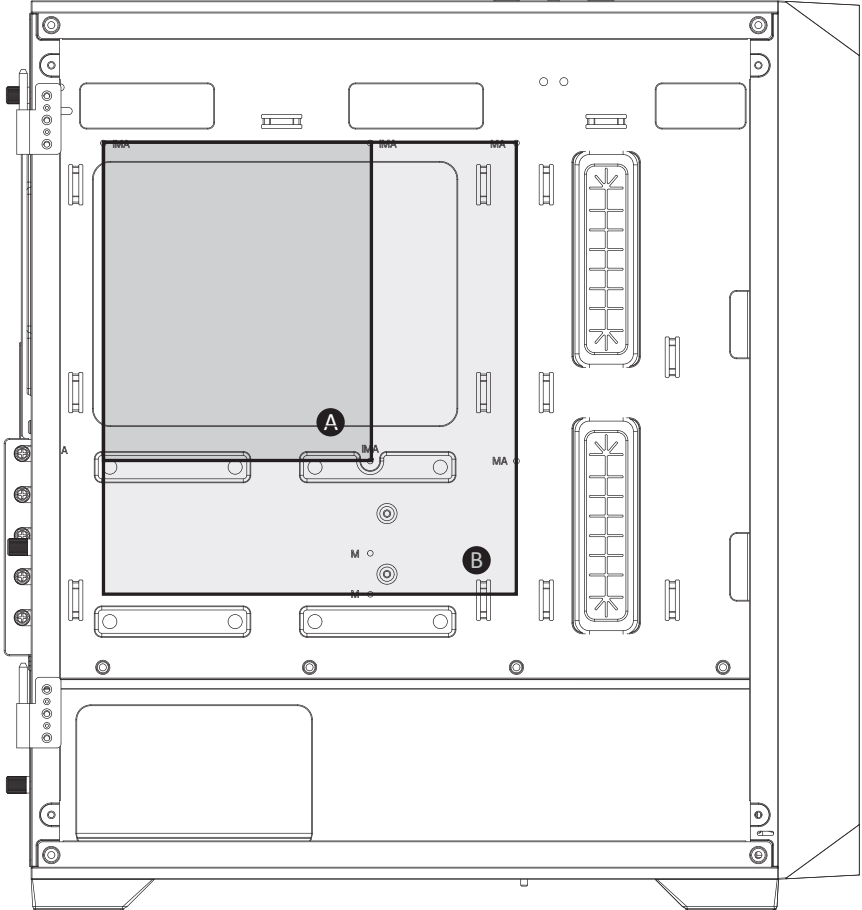
*마더보드 종류에 따라 M/B 스탠드오프 볼트(E)를 추가 설치하세요.

TH ติดตั้งเมนบอร์ดลงในเคส

FA مادربرد را در شاسی نصب کنید.

Installation Step 2

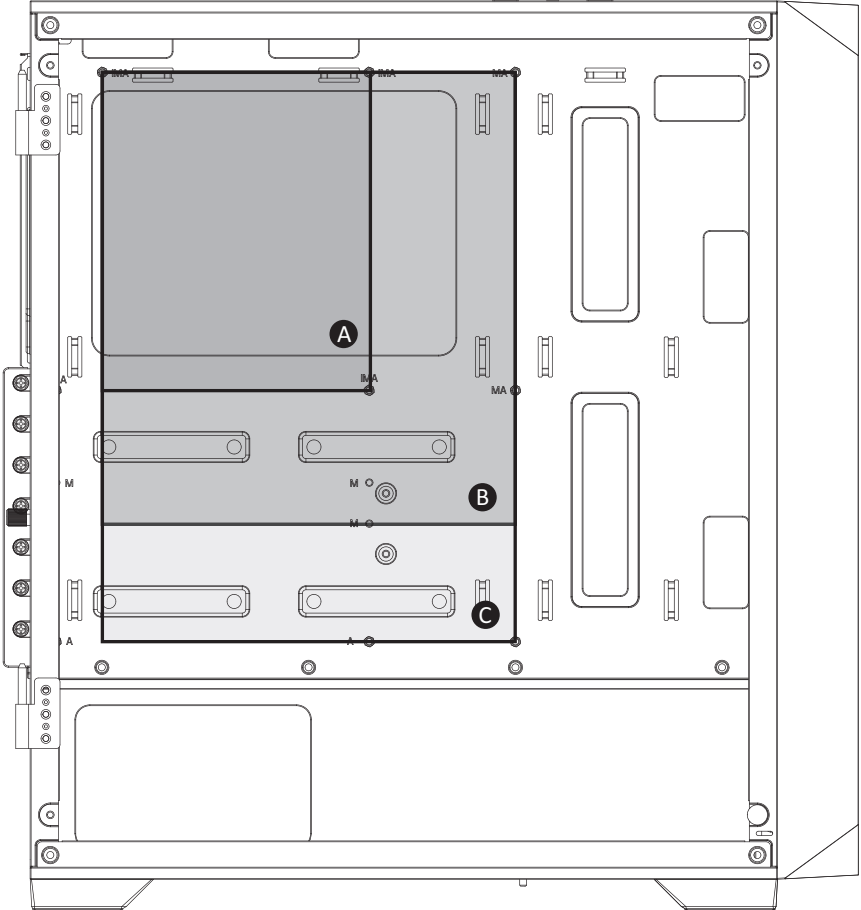
Motherboard Compatibility ECA-EP23 Series



A	Mini-ITX
B	Micro-ATX

Installation Step 2

Motherboard Compatibility ECA-EP237 Series

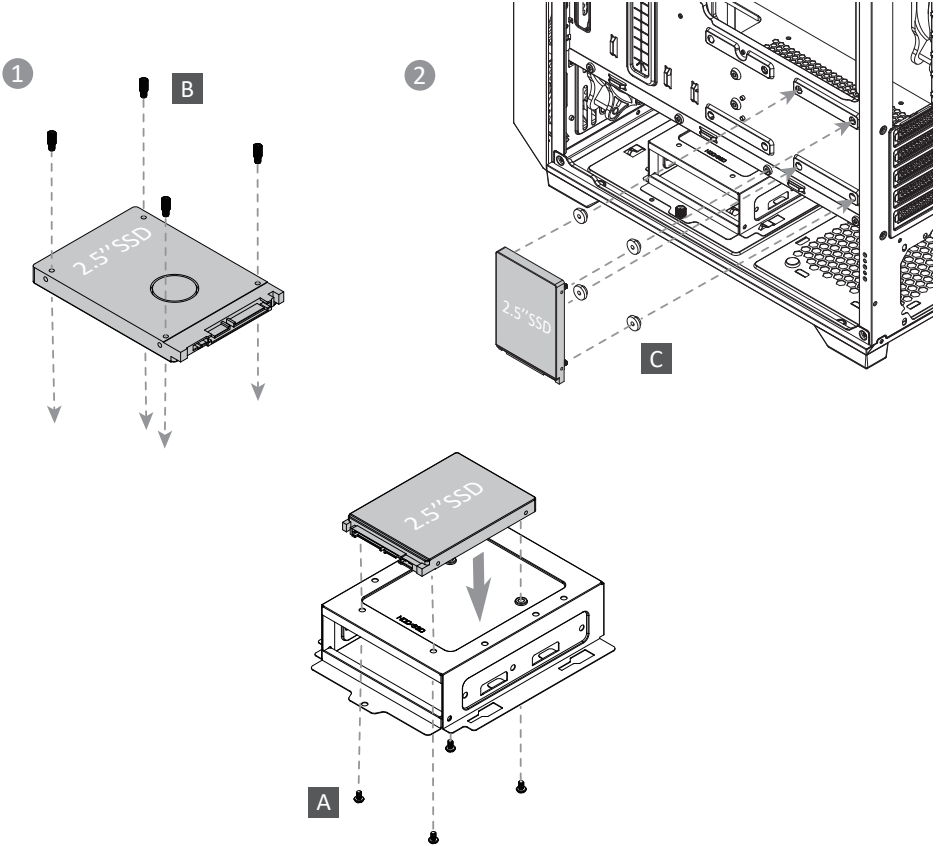


A	Mini-ITX
B	Micro-ATX
C	ATX

Installation Step 3

Step 3-1

*The image is for illustration purposes only. Please refer to the actual product for specifications.



EN Install the internal 2.5" device.

DE Installieren Sie das interne 2,5-Zoll-Festplattengerät.

FR Installez le disque dur interne de 2,5 pouces.

IT Installare il dispositivo hard disk interno da 2.5".

ES Instale el dispositivo de disco duro interno de 2.5".

JP 内部に2.5インチハードドライブデバイスを取り付けます。

TW 安裝隱藏式2.5吋硬碟。

CN 安裝隱藏式2.5吋硬碟。

RU Установите внутренний жесткий диск 2.5 дюйма.

PL Zainstaluj wewnętrzne urządzenie dysku twardego 2,5".

1. 2.5" SSD에 그림과 같이 2.5" 스탠드오프 볼트(A)를 체결하세요.

2. 케이스 중앙에 위치한 2.5" SSD 베이에 2.5" SSD 진동 방지 고무링 체결 후 준비된 2.5" SSD를 장착해 주세요.

3. 케이스 하단에 하드 드라이브 베이 상단부분에 그림과 같이 3.5" HDD 스크류(C) 사용해 2.5" SSD 장착해 주세요.

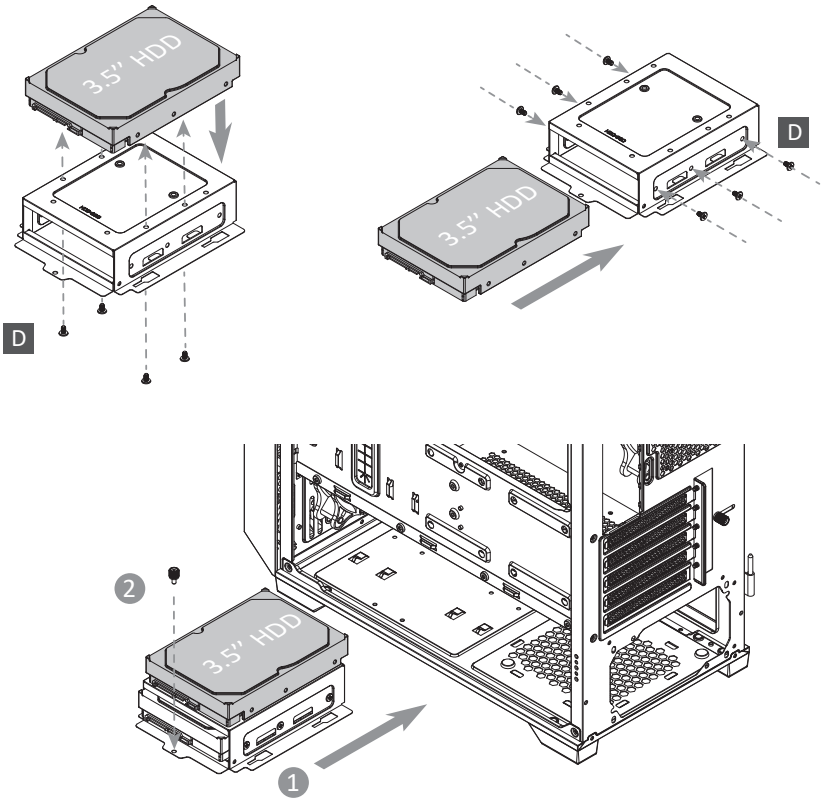
TH ติดตั้งอุปกรณ์ฮาร์ดไดรฟ์ภายในขนาด 2.5 นิ้ว

FA دستگاه هارد دیسک داخلی 2.5 اینچی را نصب کنید.

Installation Step 3

Step 3-2

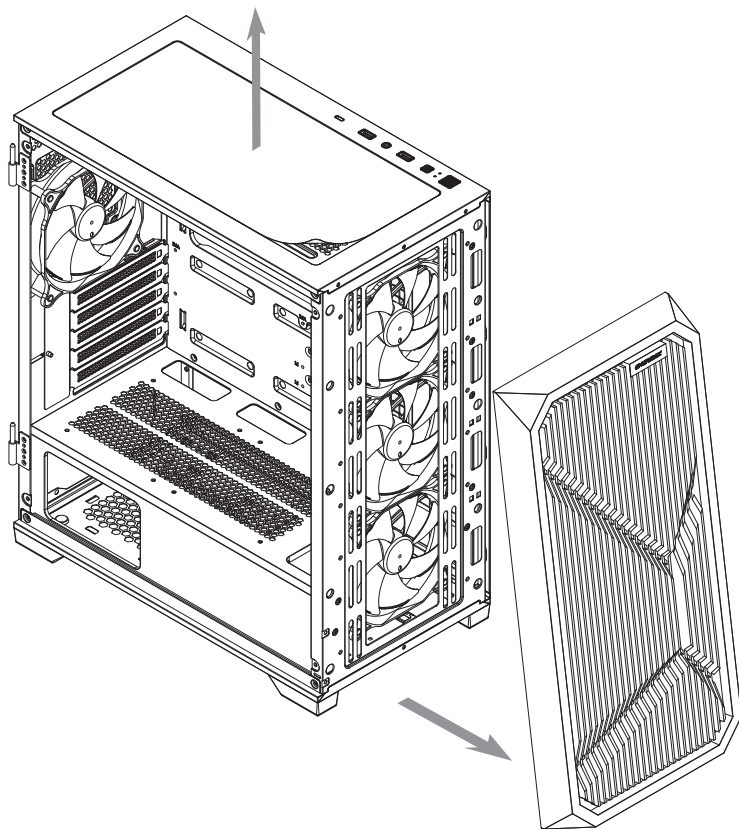
*The image is for illustration purposes only. Please refer to the actual product for specifications.



- EN** Install the internal 3.5" device.
DE Installieren Sie das interne 3,5-Zoll-Festplattengerät.
FR Installez le disque dur interne de 3,5 pouces.
IT Installare il dispositivo hard disk interno da 3.5".
ES Instale el dispositivo de disco duro interno de 3.5".
JP 内部に3.5インチハードドライブデバイスを取り付けます。
TW 安裝隱藏式3.5吋硬碟。
CN 安裝隱藏式3.5吋硬碟。
RU Установите внутренний жесткий диск 3.5 дюйма.
PL Zainstaluj wewnętrzne urządzenie dysku twardego 3,5".
KR 케이스 하단에 하드 베이에 하드 드라이브를 그림과 같이 3.5" HDD 스크류(C) 사용해 설치 후 케이스에 장착해 주세요.
TH ติดตั้งอุปกรณ์ฮาร์ดไดรฟ์ภายในขนาด 3.5 นิ้ว
FA دستگاه هارد دیسک داخلی 3.5 اینچی را نصب کنید.

Installation Step 4

*The image is for illustration purposes only. Please refer to the actual product for specifications.



- EN** Install the system fans or radiator.
DE Installieren Sie die Systemlüfter oder den Kühler.
FR Installez les ventilateurs du système ou bien le radiateur.
IT Installare i ventilatori del sistema o il radiatore.
ES Instale los ventiladores del sistema o el radiador.
JP システムファンまたはラジエーターを取り付けます。
TW 安裝機殼風扇或水冷散熱器。
CN 安裝机壳风扇或水冷散热器。
RU Установите системные вентиляторы или радиатор.
PL Zainstaluj wentylatory systemowe lub chłodnicę.
KR 전면부와 상단부에 시스템 팬이나 라디에이터를 설치하세요.
TH ติดตั้งพัดลมระบบหรือหม้อน้ำระบายความร้อน
FA فن سیستم یا رادیاتور را نصب کنید.

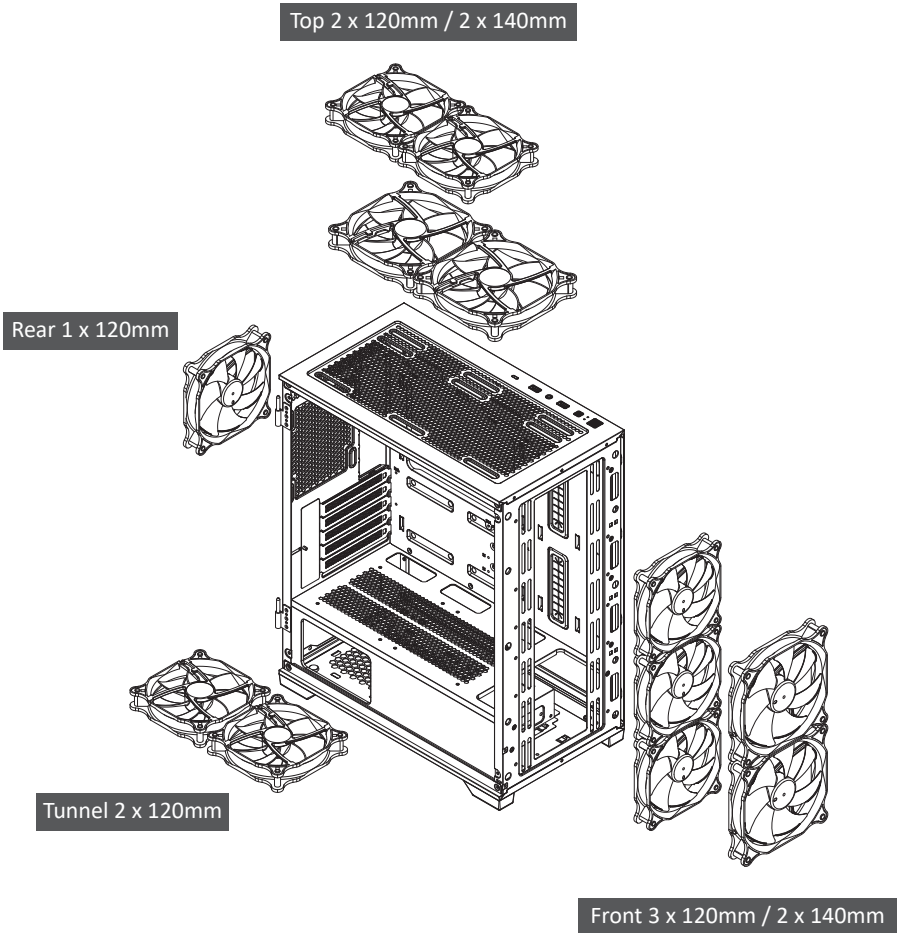
Installation Step 4

Fan Compatibility

ECA-EP23/ ECA-EP237 Series

*Fan Thickness: Standard size(25mm)

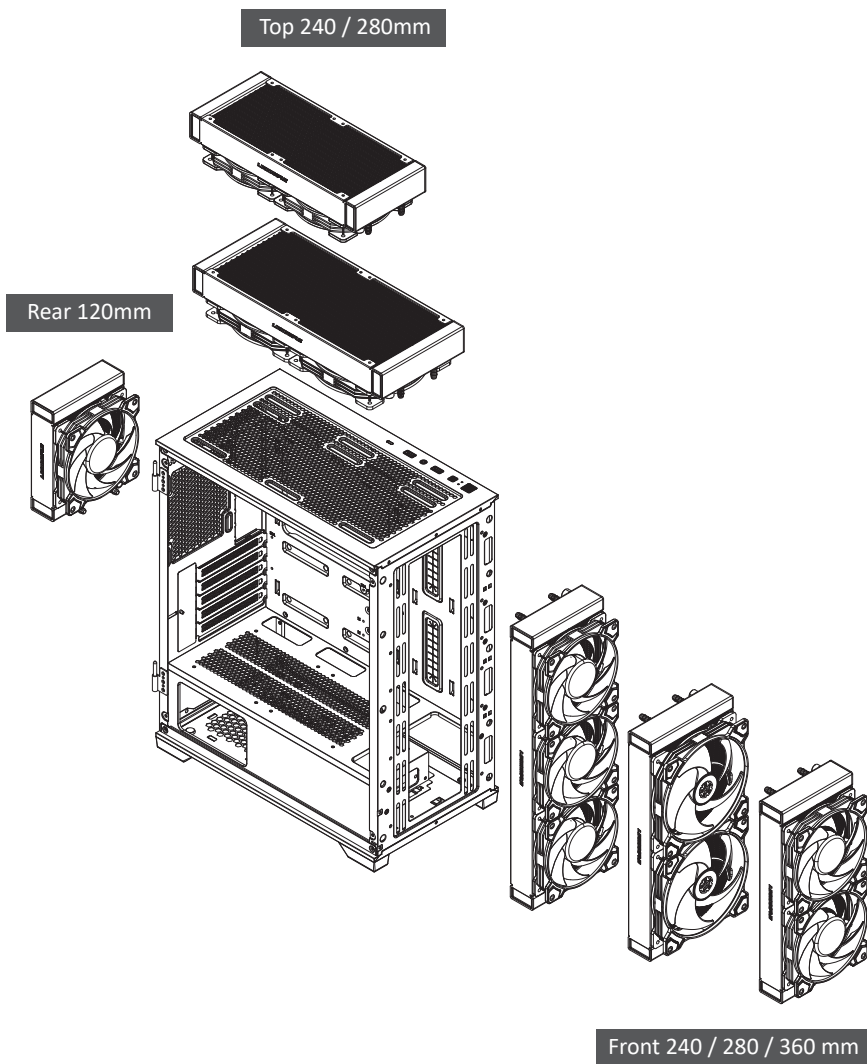
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Installation Step 4

Both Thick and Thin Radiator Compatibility ECA-EP23 Series

*This picture is for reference only, installation is subject to the actual situation.

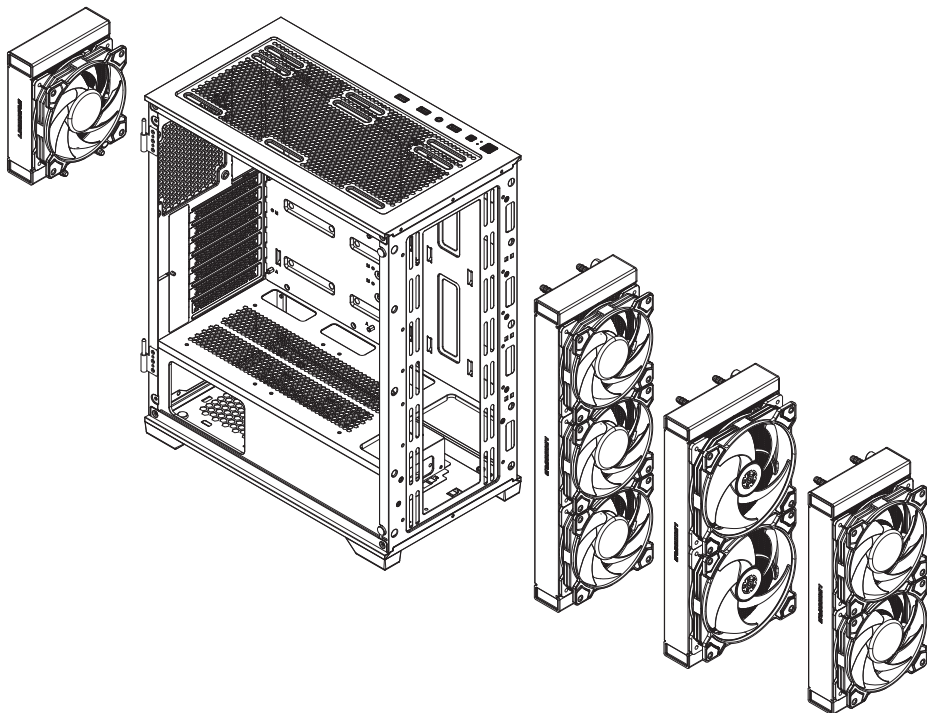


Installation Step 4

Both Thick and Thin Radiator Compatibility ECA-EP237 Series

*This picture is for reference only, installation is subject to the actual situation.

Rear 120mm



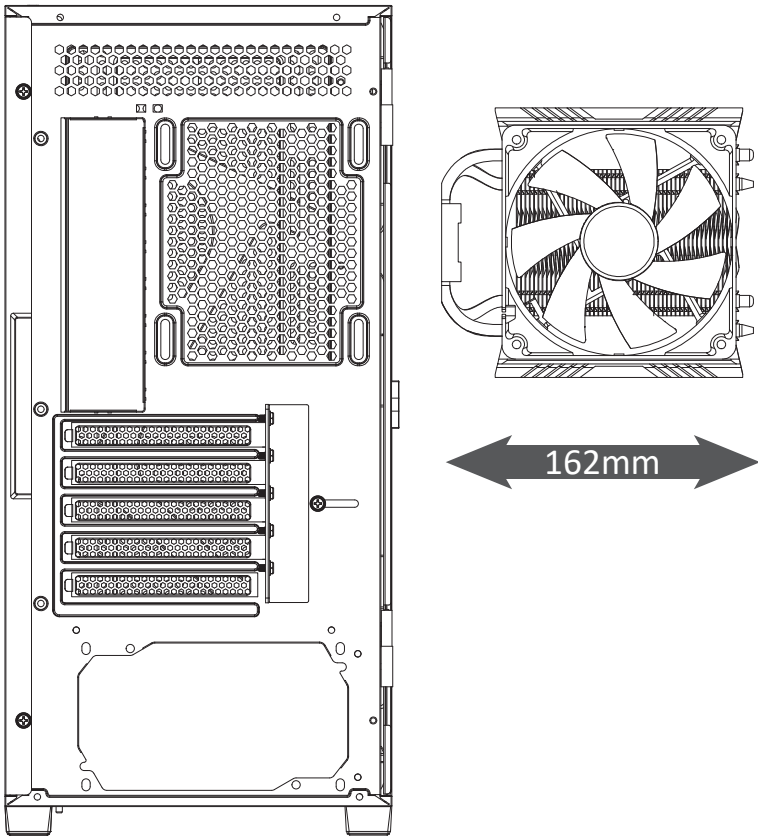
Front 240 / 280 / 360 mm

Installation Step 4

Air Cooler Compatibility

ECA-EP23/ ECA-EP237 Series

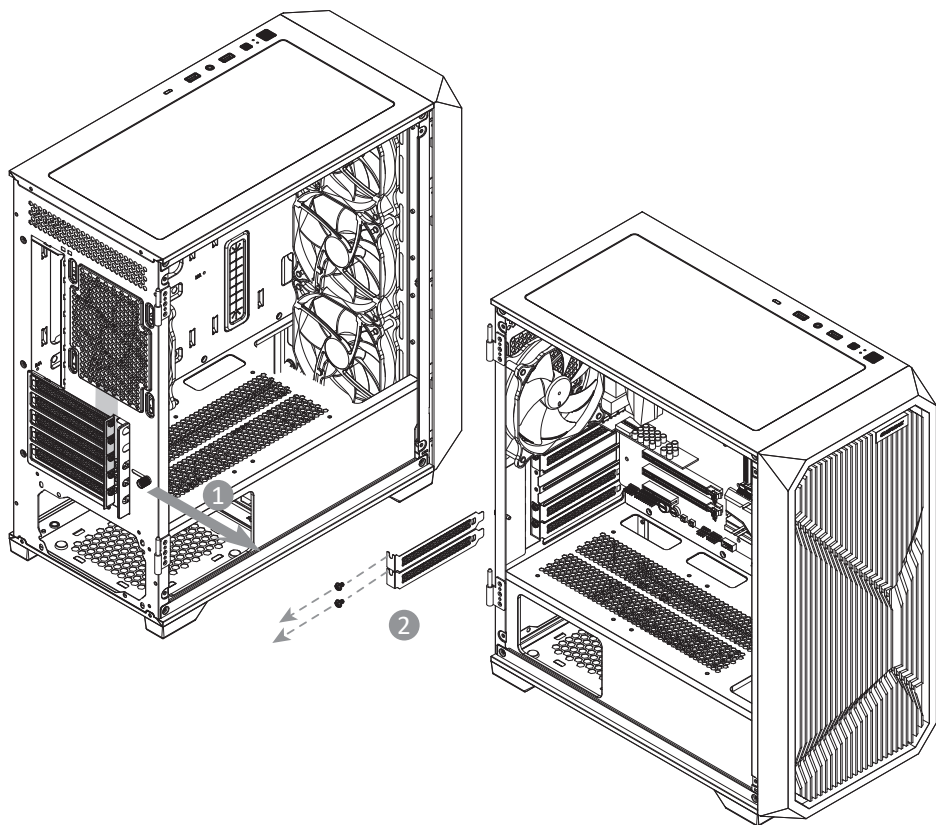
*The image is for illustration purposes only. Please refer to the actual product for specifications.



Installation Step 5

Step 5-1

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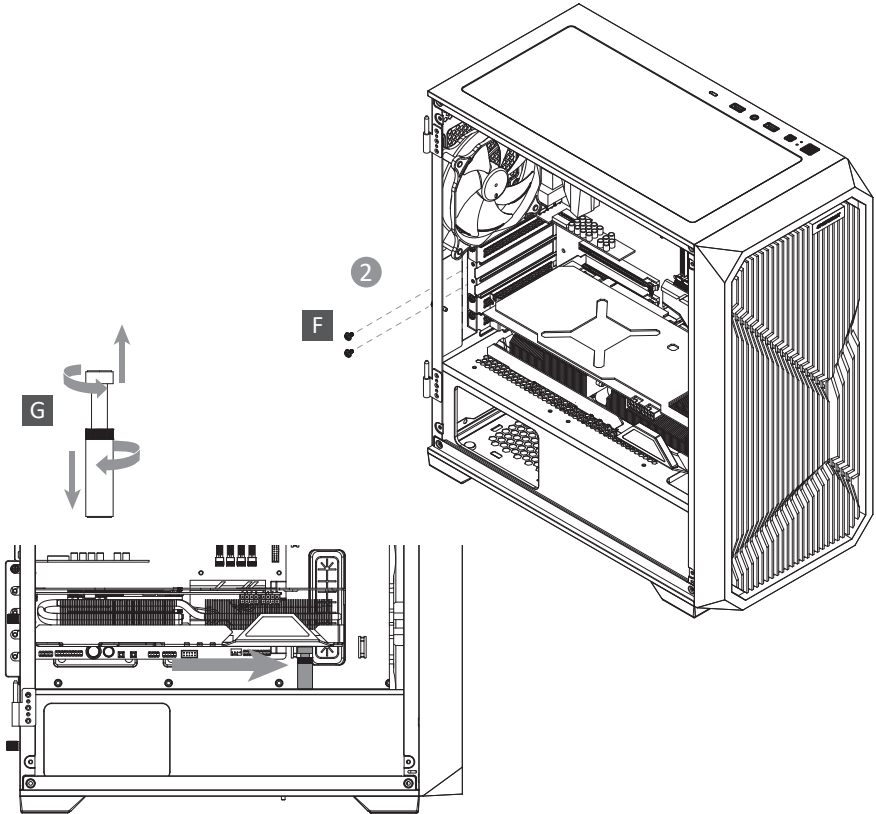


- EN** Remove the slot volume you will use to install GPU.
- DE** Entfernen Sie den Slot, den Sie zur Installation der GPU verwenden werden.
- FR** Retirez le nombre d'équerres PCIe nécessaires à l'installation de votre carte graphique.
- IT** Rimuovere il volume dello slot che verrà utilizzato per installare la GPU.
- ES** Quite el volumen del slot que usará para instalar la GPU.
- JP** GPUを取り付けるために使用するスロットを取り外します。
- TW** 拆下安裝顯卡會用到的插槽數量。
- CN** 拆下安裝顯卡會用到的插槽數量。
- RU** Удалите объем слота, который вы будете использовать для установки видеокарты.
- PL** Usuń gniazdo, które będziesz używać do instalacji GPU.
- KR** 그래픽카드를 설치를 위해서 슬롯 커버에 체결된 나사를 제거 후 그림과 같이 탈거해 주세요.
- TH** ถอดช่องที่คุณจะใช้ในการติดตั้งการ์ดจอ
- FA** حجم اسلاتی را که برای نصب GPU استفاده می کنید، حذف کنید.

Installation Step 5

Step 5-2

*The image is for illustration purposes only. Please refer to the actual product for specifications.

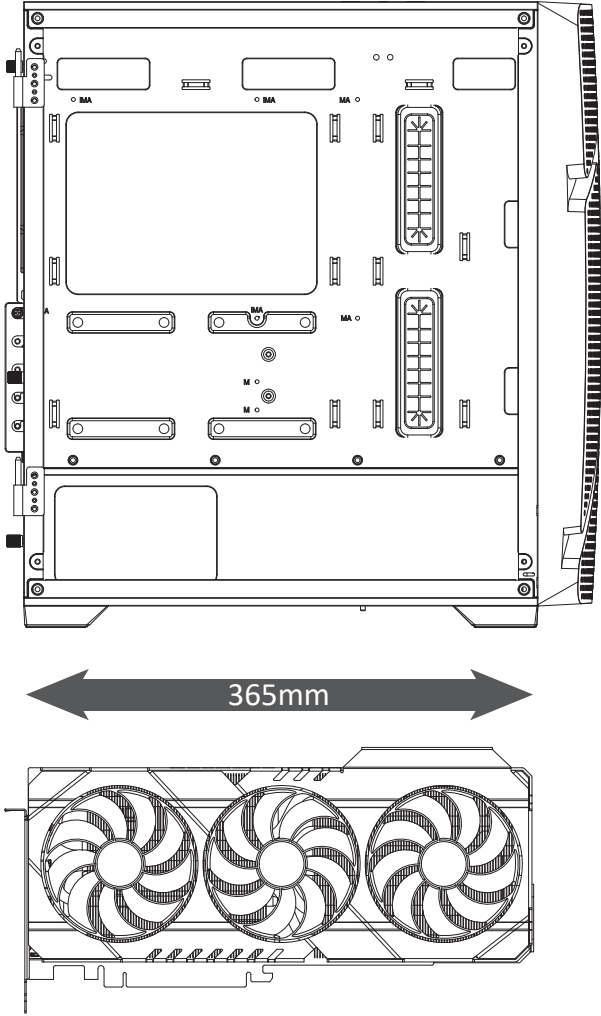


- EN** Install the GPU into the chassis.
- DE** Installieren Sie die GPU in das Gehäuse.
- FR** Installez la carte graphique dans le châssis.
- IT** Installare la GPU nel telaio.
- ES** Instale la GPU en el chasis.
- JP** グラフィックボードをケースに取り付けます。
- TW** 將顯示卡安裝到機殼內。
- CN** 將顯示卡安裝到機殼內。
- RU** Установите видеокарту в корпус.
- PL** Zainstaluj GPU w obudowie.
- KR** 슬롯 커버가 제거된 위치와 마더보드 슬롯 위치가 일치하는지 확인 후에 그래픽카드를 장착, PSU 스크류(F) 사용해 체결해 주세요
- TH** ติดตั้งการ์ดจอลงในเคส
- FA** رادر شاسی نصب کنید.

Installation Step 5

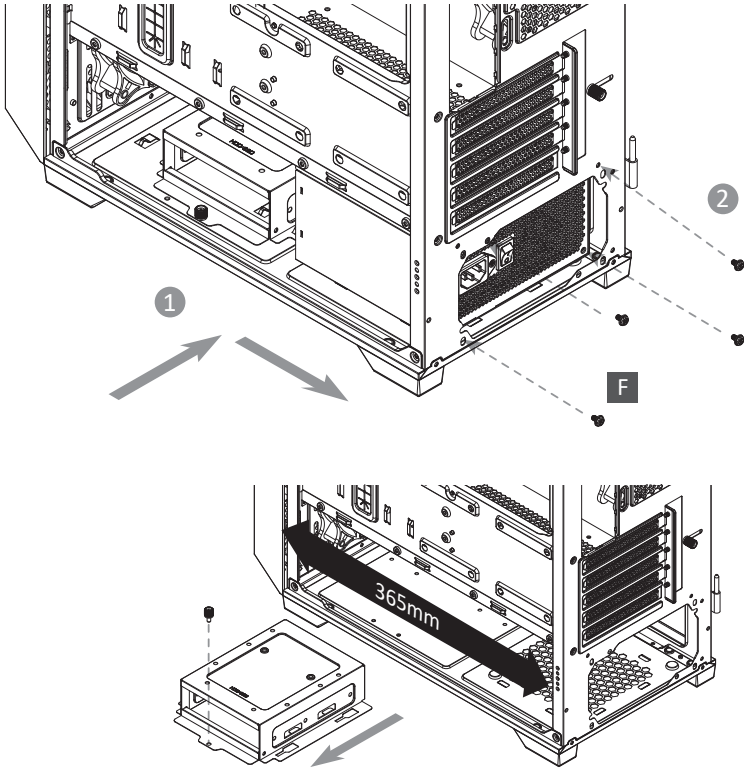
GPU Compatibility ECA-EP23/ ECA-EP237 Series

*The image is for illustration purposes only. Please refer to the actual product for specifications.



Installation Step 6

*The image is for illustration purposes only. Please refer to the actual product for specifications.



*Remove the HDD cage to create extra space for larger PSU installation.

- EN** Install the PSU into the chassis.
DE Installieren Sie das Netzteil in das Gehäuse.
FR Installez l'alimentation dans le châssis.
IT Installare l'alimentatore nel telaio.
ES Instale la fuente de alimentación en el chasis.
JP 電源ユニットをケースに取り付けます。
TW 將電源安裝到機殼內。
CN 将电源安装到机壳内。
RU Установите блок питания в корпус.
PL Zainstaluj zasilacz w obudowie.
KR 파워서플라이를 그림과 같이 PSU 스크류(F)를 사용하여 설치하세요.
TH ติดตั้ง PSU ลงในเคส
FA واحد تامین برق را در شاسی نصب کنید.



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