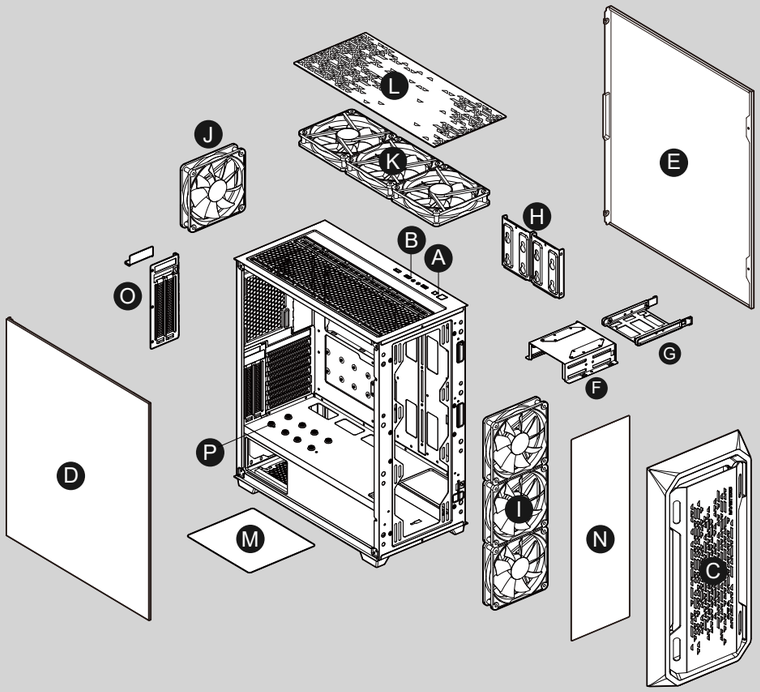
MX620

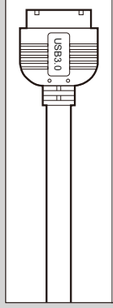
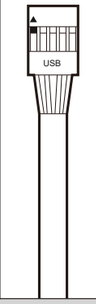
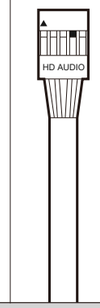
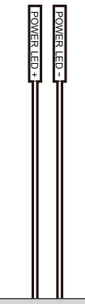
RGB

Assembly Drawing



- A Power button / RGB button
- B USB 3.0 / USB 2.0 / HD audio ports
- C Front panel
- D Tempered glass side panel
- E Right side panel
- F 3.5" HDD cage (compatible for 2.5" HDD/SSD)
- G 3.5" HDD tray (compatible for 2.5" HDD/SSD)
- H 2.5" HDD/SSD trays
- I 3 x 120mm / 3 x 140mm fans for front panel (ARGB fans x 3 pre-installed)
- J 120mm fan for rear panel (optional)
- K 3 x 120mm / 2 x 140mm fans for top panel (optional)
- L Air filter for top panel
- M Air filter for bottom panel
- N Air filter for front panel
- O Vertical slot covers
- P Rubber screws of 2.5" SSD trays

Installing the Front I/O Connectors

USB 3.0	USB 2.0	HD AUDIO	POWER SW	POWER LED	H.D.D LED
					

ACCESSORY KIT

	Motherboard screws & 2.5" SSD screws	X 19
	Power supply screws & 3.5" HDD screws	X 13
	Stand-off for motherboard	X 3
	Fan screws	X 12
	Stand-off for VGA riser cable	X 2
	Cable ties	X 4
	Slot covers	X 2

STYLISH ARGB MID TOWER CASE WITH MODERN PATTERNED AIR VENTS

MX620 RGB is a stylish mid tower case features modern design and tempered glass left panel. The front panel has patterned air vents design, which shows perfect combination of visual effects, powerful airflow, and sturdy quality. With three included ARGB fans, the amazing light creates visually impressive RGB shows. It also has excellent cooling performance and superior expandability for high-end hardware and storage devices. MX620 RGB is the most ideal and valuable case for PC enthusiasts and professionals.

IMPRESSIVE, EXCLUSIVE AND ATTRACTIVE

MX620 RGB has a brilliant front panel featuring modern steel construction. The front panel is designed with impressive style, which is forged with fine metal and distinctive looks. The patterned air vents not only present a unique design but also enhance cooling performance.

ENJOY THE DAZZLING RGB SHOW

The integrated lighting button with built-in LED controller allows MX620 RGB to display amazing lighting effects. It's also adaptable with any compatible motherboards' 5V ARGB connection for system-wide lighting synchronization. The powerful lights come out of a stylish panel and the reflective surroundings helps reinforce the RGB effects.

THREE ARGB FANS INCLUDED

With 3 pre-installed ARGB fans at the front panel, MX620 RGB delivers powerful and bright RGB lighting effects. The illumination provides both excellent cooling and amazing lighting show.

MASSIVE TEMPERED GLASS LEFT PANEL

The PSU cover and massive tempered glass left panel presents a clean and tidy build that hides cables. Instead of drilling into the tempered glass, we use metal frames to more easily build a pro-level system and upgrade its durability.

TOP-NOTCH GAMING HARDWARE

To offer top-notch performance, MX620 RGB is able to accommodate a mighty build. Its excellent support for up to 400mm-long graphics cards and E-ATX motherboards brings unprecedented freedom for hardware systems.

SUPERIOR COOLING

With seven fans and solid support for up to a 360mm water cooling radiator, you will enjoy superior cooling horsepower to keep advanced components safe from overheating.

GLOBAL WARRANTY POLICY

WARRANTY PERIODS OF COUGAR GAMING DEVICES

Product : COUGAR MX620 RGB
Warranty : 1 Year

- This warranty gives you specific legal rights. You may also have other rights granted under local law. These rights may vary.
- Only for electrical components.

ДАТА ИЗГОТОВЛЕНИЯ ПРОДУКЦИИ

год и месяц изготовления продукции указаны в серийном номере продукта.
(существует 2 способа определения даты изготовления, оба способа описаны ниже)

Ⓐ После S/N: первые две цифры означают год, вторые две – месяц изготовления.
Например, S/N: H**1702**000001 означает, что товар был произведен в феврале 2017 года.

Ⓑ После S/N: если указаны буквы, то две буквы представляют цифры из таблицы ниже, и означают год, последующие две цифры – месяц изготовления.
Например, S/N: D**AG02**REVI000001 означает, что товар был произведен в феврале 2017 года.

A	B	C	D	E	F	G	H	I	J
1	2	3	4	5	6	7	8	9	0

- Например, AG = 17 = 2017 год

Model Name		MX620 RGB
Model No.		CGR-5UM7B-RGB
Case Form Factor		Mid Tower
Motherboard Type		Mini ITX / Micro ATX / ATX / CEB / E-ATX
Dimensions (WxHxD)		220 (W) x 487 (H) x 464 (D) mm 8.7 (W) x 19.2 (H) x 18.3 (D) in
I/O Panel		USB 3.0 x 2, USB 2.0 x 1, Mic x 1 / Audio x 1, RGB Button
3.5" Drive Bay		2
2.5" Drive Bay		2+2 (converted from 3.5" drive bays) / (2 SSD trays included)
Expansion Slots		7+2
Cooling Fan Support	Front	*120mm x 3 / 140mm x 3 (ARGB fans x 3 pre-installed)
	Top	120mm x 3 / 140mm x 2
	Rear	120mm x 1
Maximum Number of Fans		7 Max.
Water Cooling Support	Front	*360mm / 280mm / 240mm / 140mm / 120 mm
	Top	*360mm / 280mm / 240mm / 140mm / 120 mm
	Rear	120mm
Transparent Left Panel		4mm Tempered Glass
Onboard Lighting System		Yes
RGB Sync with M/B		Yes
Max. Graphics Card Length		400 (mm) / 15.7 in
Max. CPU Cooler Height		170 (mm) / 6.7 in
Max. PSU Length		180 (mm) / 7.1 in

Specifications might vary depending on the country or region of sale.
*Please choose either of front or top to install a 360mm radiator.
*Please choose either of a TOP 360mm radiator or FRONT 120mm x 3 fans to install.

БЪЛГАРИЯ

- Подробни инструкции за употреба изтеглете от: https://cougargaming.com/bg

България QR код

ENGLISH

- Stylish front panel features patterned air vents design
- Integrated RGB system with 5V ARGB motherboard synchronization
- Massive tempered glass left panel
- Support for up to E-ATX motherboard
- Support for up to a 360mm water cooling radiator and seven fans
- Support for up to 400mm graphics cards
- Support for vertical GPU
- Support for two 3.5" HDDs and two 2.5" SSDs or four 2.5" SSDs.

DEUTSCH

- Die stilvolle Frontplatte verfügt über ein gemustertes Lüftungsschlitzdesign
- Integriertes RGB-System mit 5-V-ARGB-Motherboard-Synchronisierung
- Linke Blende aus massivem Hartglas
- Unterstützt Motherboards bis E-ATX
- Unterstützt einen Wasserkühlkörper bis 360 mm und sieben Lüfterhalterboard
- Unterstützt Grafikkarten bis 400mm
- Unterstützt vertikale GPU
- Unterstützt zwei 3,5-Zoll-Festplatten und zwei 2,5-Zoll-SSDs oder vier 2,5-Zoll-SSDs

ESPAÑOL

- El elegante panel frontal presenta un diseño de salidas de aire estampadas
- Sistema RGB integrado con sincronización de placa base con 5V ARGB
- Panel izquierdo de cristal templado masivo
- Soporte para la placa madre de hasta E-ATX
- Soporte para un radiador de refrigeración de agua de hasta 360 mm y siete ventiladores
- Soporte para tarjetas gráficas de hasta 400mm
- Soporte para la GPU vertical
- Soporte para dos discos duros de 3,5" y dos SSD de 2,5" o cuatro SSD de 2,5"

日本語

- スタイリッシュなフロントパネルは、パターン化された通気孔のデザインを備えています
- ARGBシステムは5Vのマザーボードの RGB効果に同期します
- 強化ガラスウィンドウでPCの内部が見えるので内部のパーツを引き立てます
- E-ATXマザーボードに対応
- 7個のファンと360mmの水冷ラジエーターを装着でき、優れた放熱効果を確保します
- 最大400mmグラフィックカードに対応できます
- グラフィックカードを垂直に取付可能
- 3.5"のHDDを2個と2.5" SSDを2個もしくは2.5"SSDを4個搭載可能

PORTUGUÊS

- O painel frontal elegante apresenta um design padronizado de saídas de ar
- Sistema RGB integrado com sincronização de placa mãe de 5V ARGB
- Painel esquerdo em vidro maciço temperado
- Apoio até à placa-mãe E-ATX
- Suporte para um radiador de arrefecimento a água até 360mm e sete ventiladores
- Suporte para placas gráficas até 400mm
- Suporte para GPU vertical
- Suporte para dois HDD de 3,5" e dois SSD de 2,5" ou quatro SSD de 2,5"

РУССКИЙ

- Стильная передняя панель с узорчатыми вентиляционными отверстиями
- Интегрированная система RGB подсветки с 5V ARGB синхронизацией материнской платы
- Массивная боковая панель из закаленного стекла
- Поддержка всех материнских плат до формата E-ATX
- Поддержка водяного охлаждения радиатора размером до 360 мм и семь вентиляторов
- Поддержка всех видеокарт размером до 400 мм
- Поддержка вертикального графического процессора
- Поддержка двух 3.5-дюймовых HDD и двух 2.5-дюймовых SSD или четыре 2.5-дюймовых SSD.

FRANÇAIS

- Le panneau avant élégant présente des motifs d'aération
- Système RGB intégré avec synchronisation de la carte mère ARGB 5V
- Panneau gauche en verre trempé massif
- Prise en charge des cartes mères jusqu'à E-ATX
- Prise en charge d'un radiateur de refroidissement à eau de 360 mm et de sept ventilateurs
- Prise en charge des cartes graphiques jusqu'à 400mm
- Compatible avec les GPU verticaux
- Compatible avec deux disques durs de 3,5" et deux disques durs de 2,5" ou quatre disques durs de 2,5"

中 文

- 前面板采用独特新颖的异形通风孔设计
- RGB整合系统支援5V ARGB主机板灯效同步控制功能
- 全景透视钢化玻璃左侧盖
- 最高支援E-ATX主机板
- 最高支援360mm水冷排与7个风扇
- 最高可安装400mm显卡
- 支援显卡垂直安装
- 支援2个 3.5英寸 HDD硬盘(可转换为2个2.5英寸SSD硬盘)与4个2.5英寸SSD硬盘

POLISH

- Stylowy panel przedni ma wzorzyste otwory wentylacyjne
- Zintegrowany system RGB zsynchronizowany z płytą główną przez złącze ARGB 5 V
- Lewy panel ze szkła hartowanego
- Obsługa płyt głównych do E-ATX
- Obsługa chodnicy wodnej o szerokości do 360 mm i siedmiu wentylatorów
- Obsługa kart graficznych o długości do 400mm
- Obsługa procesora graficznego montowanego pionowo
- Obsługa dwóch dysków twardych 3.5" HDD i dwóch dysków 2.5" SSD lub cztery dysków 2.5" SSD

ITALIA

- L'elegante pannello frontale presenta un design con prese d'aria a motivi geometrici
- Sistema RGB integrato con sincronizzazione della scheda madre ARGB 5 V
- Pannello sinistro in vetro temperato massiccio
- Supporto fino a una scheda madre E-ATX
- Supporto per un radiatore per raffreddamento ad acqua fino a 360 mm e sette ventole
- Supporto per schede grafiche fino a 400mm
- Supporto per GPU verticale
- Supporto per due HDD da 3,5" e due SSD da 2,5" o quattro SSD da 2,5"

한국어

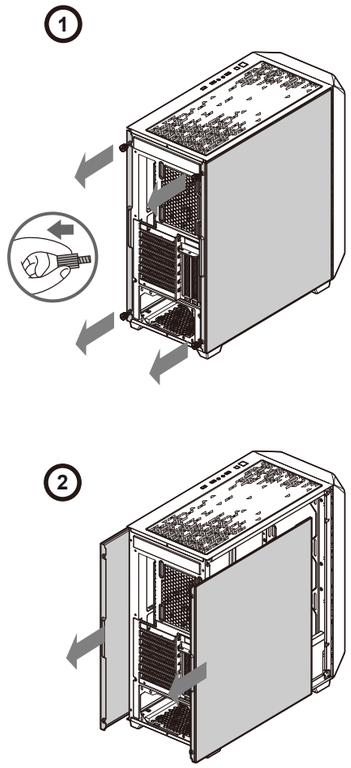
- 스타일리시 한 전면 패널에는 패턴이있는 통풍구 디자인
- 5V ARGB 마더 보드 동기화 기능이있는 통합 RGB 시스템
- 좌측 패널의 크고 단단한 대형 강화유리
- 최대 E-ATX 마더보드 지원
- 최대 360mm 수랭식 라디에이터 및 팬 7개 지원
- 최대 400mm 그래픽 카드 지원
- 수직 GPU 지원
- 3.5" HDD 2개 및 2.5" SSD 2개 또는 2.5" SSD 4개 지원

- يجب تركيب كل قطعة بحذر و بمكانها المناسب.
- من يقوم بعلمية التركيب الشخص المختص فقط.

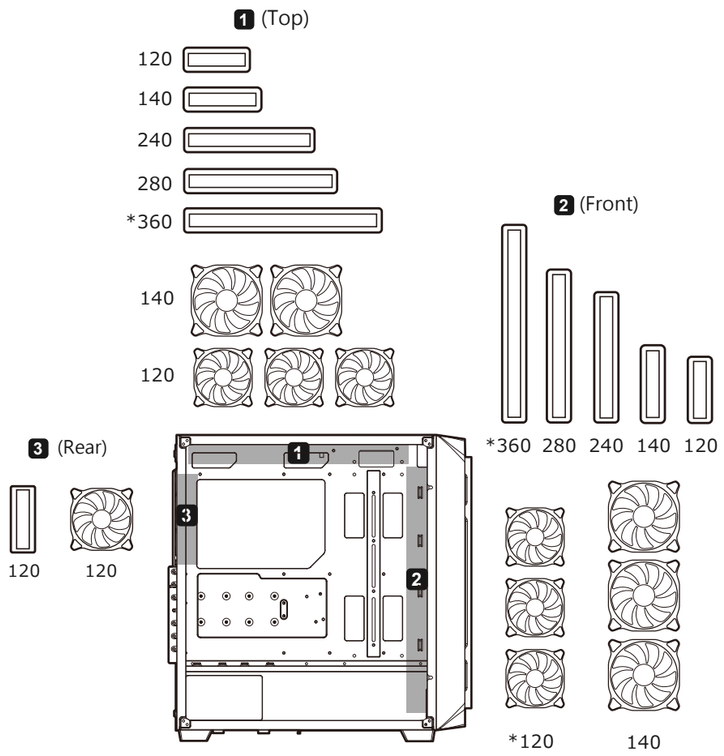
تعليمات التركيب و الأمان:

- عند التركيب أو التفكيك يجب التأكد من أن جميع الأسلاك مفصولة عن الكهرباء.
- يجب اتخاذ الإحترازات اللازمة لمنع الصعق الكهربائي.
- يجب إرتداء الملابس المناسبة أثناء تركيب/ تجميع الكمبيوتر.

Removing the side panels

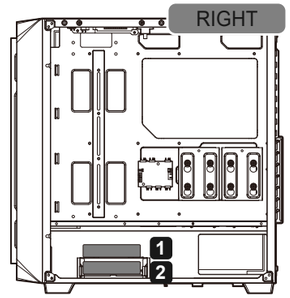


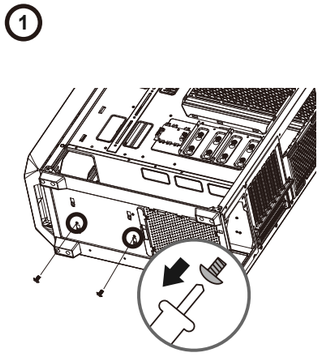
Installing water cooling radiators & cooling fans

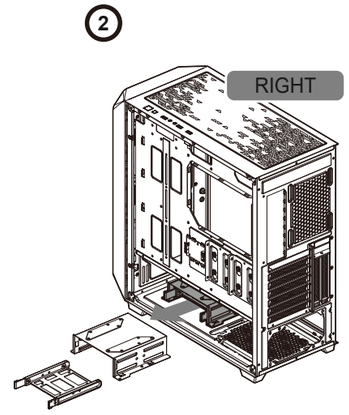


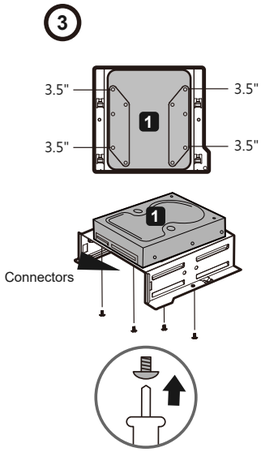
*Please choose either of front or top to install a 360mm radiator.
*Please choose either of a TOP 360mm radiator or FRONT 120mm x 3 fans to install.

Installing 3.5" HDDs



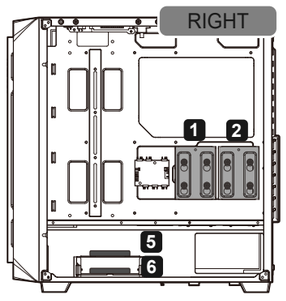


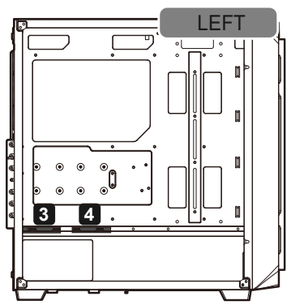


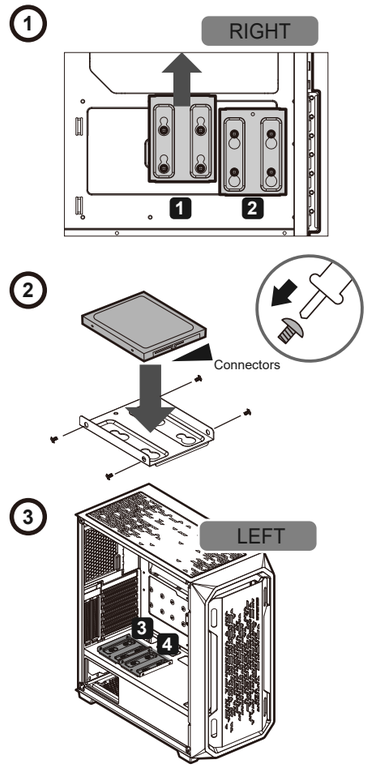


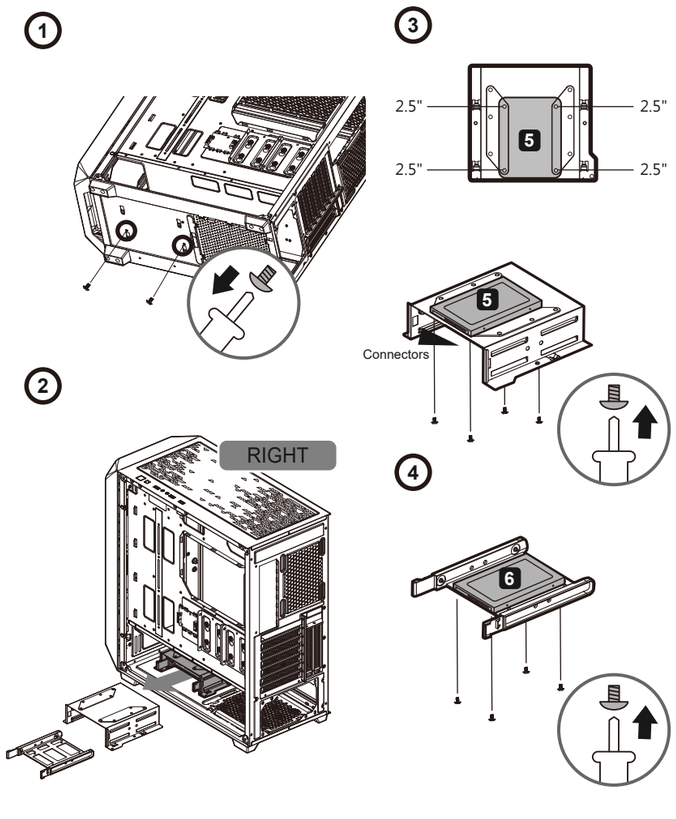
Installing 2.5" SSDs /HDDs

■ Install with trays
(There are two SSD trays in this case.
Please select two locations you prefer to install.)

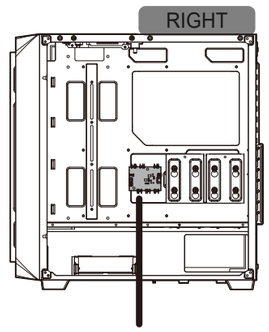








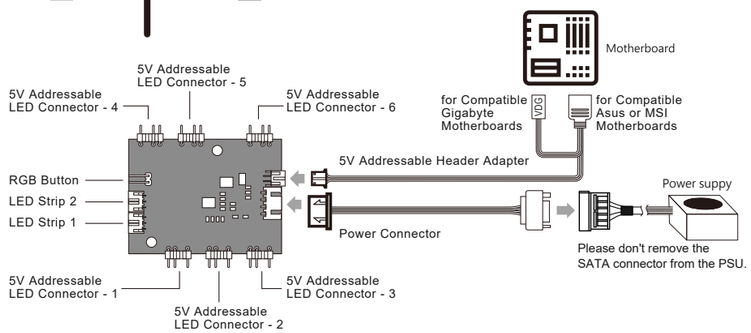
RGB & Fan control system



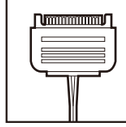
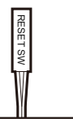
■ First Mode: 13 Preset Lighting Effects
You can use the top panel's RGB SW button to switch between the thirteen beautiful lighting effects we have preset for you.

■ Second Mode: Motherboard Synchronization
Please use the included adaptor (see picture below) to connect to a compatible motherboard's 3-pin 5V Addressable RGB header. Then, press and hold the RGB SW button for 3-6 seconds, the ARGB fans at the front panel will flash in white for two consecutive times.
※If you press and hold the RGB SW button for 3-6 seconds again, the ARGB fans at the front panel will flash in white for two consecutive times. It will be returned to the First mode: 13 Preset Lighting Effects.

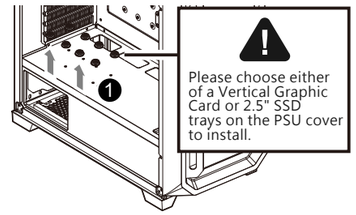
■ Third Mode: Turn off RGB LED lighting effects.
Please press and hold the RGB SW button for over 6 seconds and the ARGB fans at the front panel will flash in white for four consecutive times.
※If you press and hold the RGB SW button for 1 seconds again, the RGB LED lighting effects will be turned on.

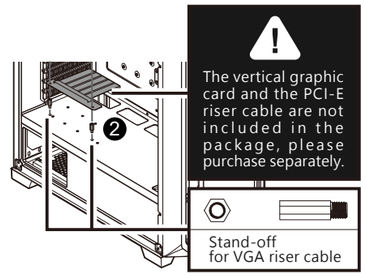


Installing the Built-in LED Controller Connectors

Power Connector	RGB Button	5V Addressablle Header Adapter
		

Installing vertical graphic card





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