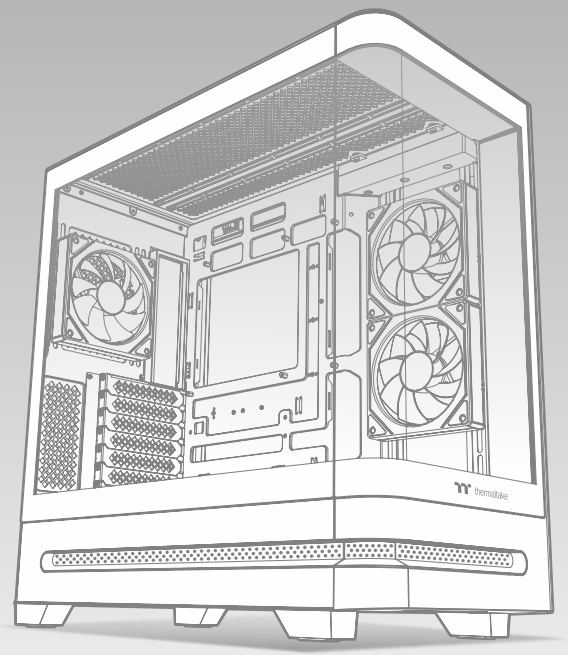
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Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

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Arcus 290 TG ARGB

User's Manual
Benutzerhandbuch
Mode d'emploi
Manual del usuario
Manuale dell'utente
Manual do Utilizador

安裝說明書
用戶手冊ユーザーズマニュアル
Руководство пользователя
kullanıcı elkitabı
(EEE Yönetmeliğine Uygundur)
คู่มือการใช้

TT Premium

TT Premium
To continue achieving the corporate mission of delivering the perfect user experience, Thermaltake developed “TT Premium” with the essence of combining supreme quality products with a new logo design. TT Premium is far more than just a guarantee of quality. Behind the name, it represents the passion in DIY, Modding and Thermaltake’s desire to be the most innovative brand in the PC hardware market. To satisfy the demand of the high-end PC users, TT Premium follows its core values of Excellent Quality, Unique Design, Diverse Combinations and Boundless Creativity to provide a high performance PC product for every enthusiast. http://ttpremium.com

Tt LCS-Liquid Cooling Support Certification

Tt LCS Certified is a Thermaltake exclusive certification applied to only products that pass the design and hardcore enthusiasts standards that a true LCS chassis should be held to. The Tt LCS certification was created so that we at Thermaltake can designate to all power users which chassis have been tested to be best compatible with extreme liquid cooling configurations to ensure you get the best performance from the best features and fitment.

Join Tt Community To Receive Benefits

Dear Valued Customer,
Thank you for choosing Thermaltake.
As a new user we value your thoughts and opinions and your feedback is important to us. We at Thermaltake would like to use this opportunity to invite you to join our Community Forums. Register today to start enjoying the full benefits of our community.

Benefits of being a member:

- Quick and responsive user support
- Receive help and advice with new builds
- Keep up to date with new product releases
- Share your thoughts and builds with the community
- Enter monthly contests and giveaways

Brand official website
http://www.thermaltake.com/

Taiwan Facebook
http://www.facebook.com/ThermaltakeTW

Global Facebook
https://www.facebook.com/ThermaltakeInc

Global community forums
http://community.thermaltake.com

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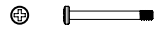
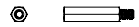
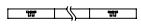
Chapter 1. Product Introduction

1.0 Specification *01*
1.1 Accessory *02*
1.2 Dimension & Clearance *03*

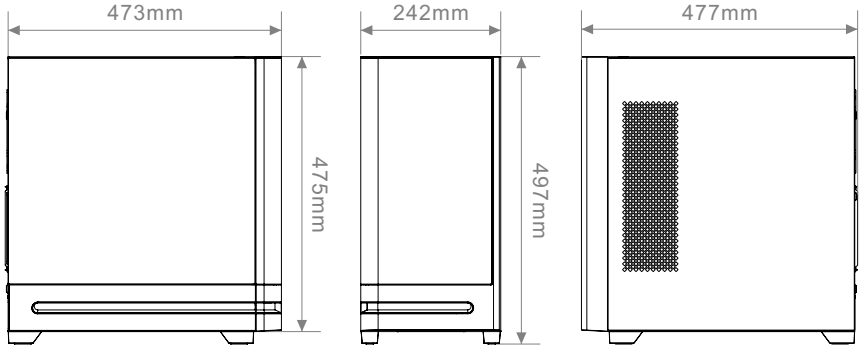
Chapter 2. Installation Guide

2.0 Remove Panels *06*
2.1 Power Supply Unit (PSU) Installation *07*
2.2 Motherboard Installation *08*
2.3 VGA Card Installation *09*
2.4 3.5” & 2.5” HDD Installation *12*
2.5 Air Cooling Installation *13*
2.6 AIO Liquid Cooling Installation *14*
2.7 I/O Connection *15*
2.8 Remove Filters *16*

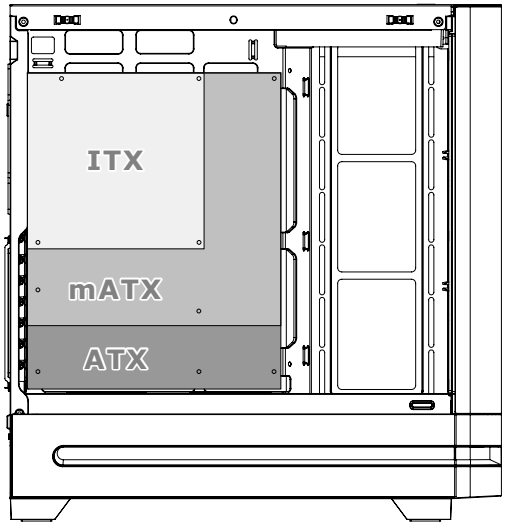
Case Type	Mid Tower		
Dimension (H*W*D)	497 x 242 x 477 mm (19.57 x 9.53 x 18.78 inch)		
Panel	Curved TG Front Panel x 1 / Tempered Glass x 1		
Material	SPCC		
Cooling System	**Right (intake):** 120 x 120 x 25 mm Infinity ARGB Reverse PWM fan (1500 rpm, 24.9 dBA) x 2 **Rear (exhaust):** 120 x 120 x 25 mm Infinity ARGB PWM fan (1500 rpm, 21.8 dBA) x 1		
Drive Bays	2 x 3.5” or 2 x 2.5”		
Expansion Slots	7 (Rotatable Patented Design)		
Motherboards	6.7” x 6.7” (Mini ITX), 9.6” x 9.6” (Micro ATX), 12” x 9.6” (ATX)		
Hidden-Connector Motherboard	9.6” x 9.6” (Micro ATX), 12” x 9.6” (ATX)		
I/O Port	USB 3.2 (Gen 2) Type-C x 1, USB 3.0 x 2, HD Audio x 1		
PSU	Standard PS2 PSU (optional)		
Fan Support	Top	3 x 120 mm, 2 x 120 mm, 1 x 120 mm	2 x 140 mm, 1 x 140 mm
	Right	2 x 120 mm, 1 x 120 mm	
	Rear	1 x 120 mm	1 x 140 mm
	Power Cover	3 x 120 mm, 2 x 120 mm, 1 x 120 mm	
Radiator Support	Top	1 x 360 mm, 1 x 240 mm,1 x 120 mm	1 x 280 mm,1 x 140 mm
	Right	1 x 240 mm, 1 x 120 mm	
Clearances	CPU cooler height limitation	180 mm	
	VGA length limitation	450 mm	
	PSU length limitation	252 mm (HDD Cage near the front) 237 mm (HDD Cage near the rear)	

Figure	Parts Name	Q'ty	Used for
	Stand-off #6-32 x 6.5mm	3	Motherboard
	Screw #6-32 x 6mm	6	Power Supply
	Screw #6-32 x 5mm	10	3.5" HDD
	Screw M3 x 5mm	19	Motherboard/2.5" SSD/HDD/VGA Riser Cable
	Screw #6-32 x 5mm	2	Bracket
	Screw #6-32 x 32mm	12	Case Fan on the Power Cover
	Stand-off #6-32 x 24mm	2	VGA Riser Cable
	Zip Ties	10	Cable Management
	Buzzer	1	Motherboard Alarm
	Nut Setter	1	Stand-off Installation
	Front Plate Clip	2	Front Panel
	Side Plate Clip	3	Side Panel
	Velcro-1 meter	1	Cable Management

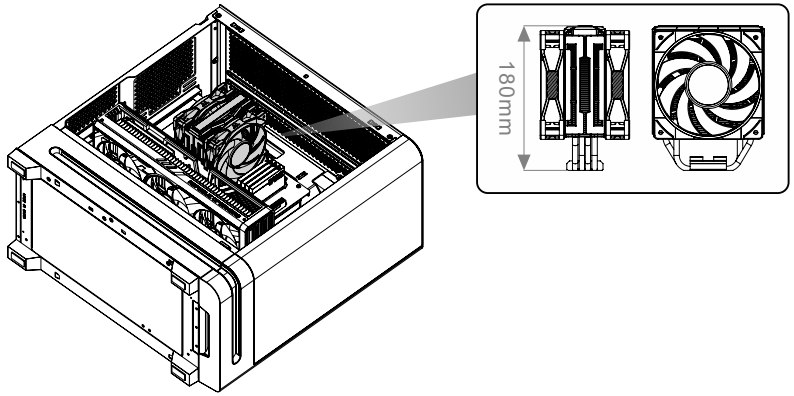
Chassis dimension



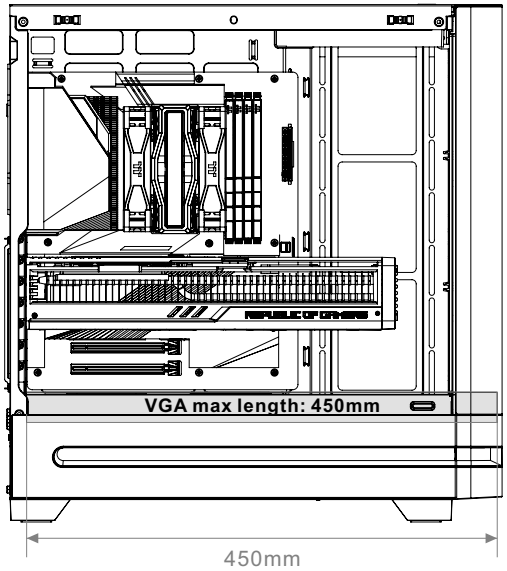
Motherboard Compatibility: ITX / mATX / ATX



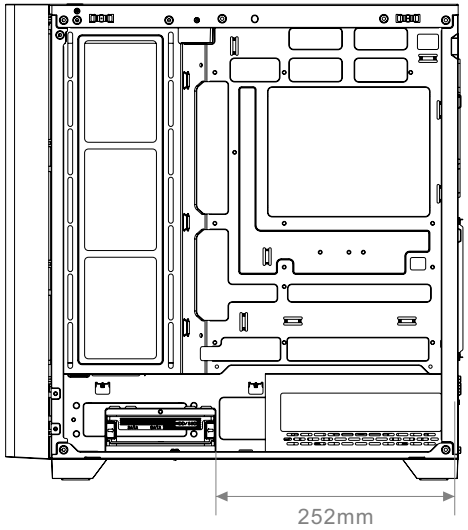
CPU cooler max height: 180mm



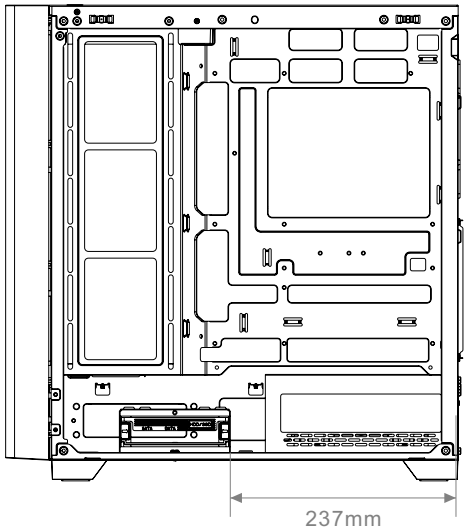
VGA max length: 450mm

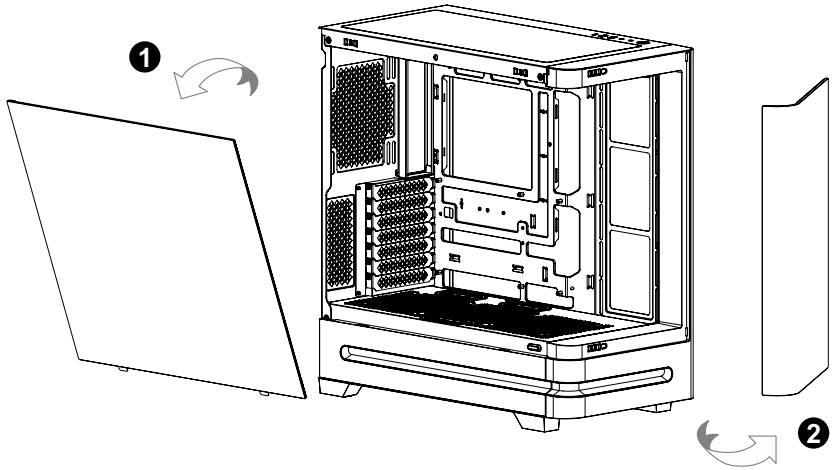


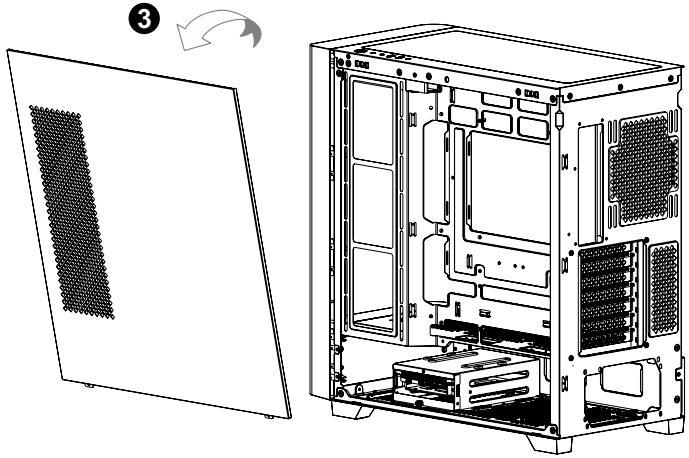
PSU length max length: 252mm (HDD Cage near the front)



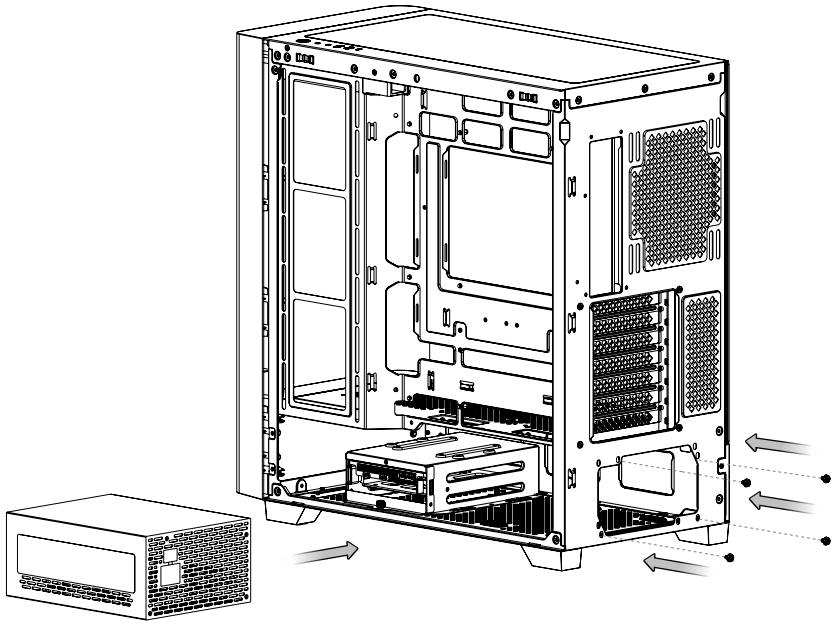
PSU length max length: 237mm (HDD Cage near the rear)



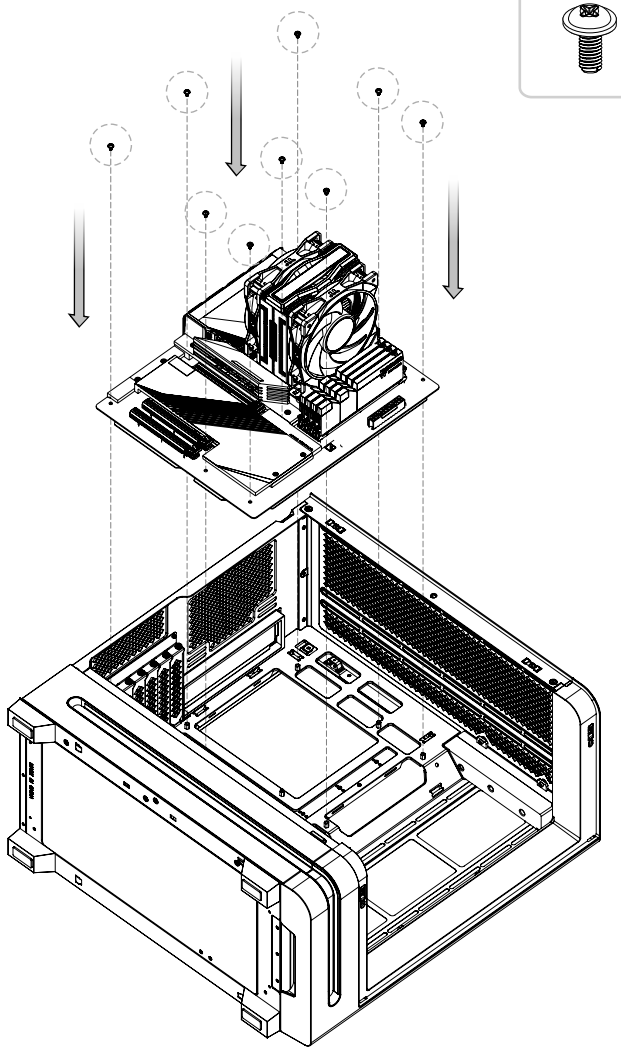




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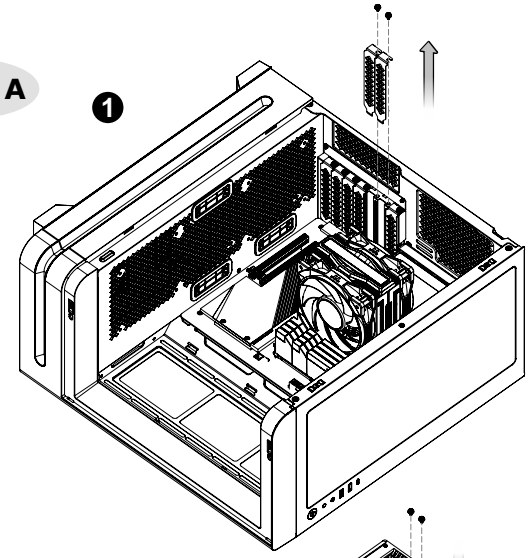


x 9

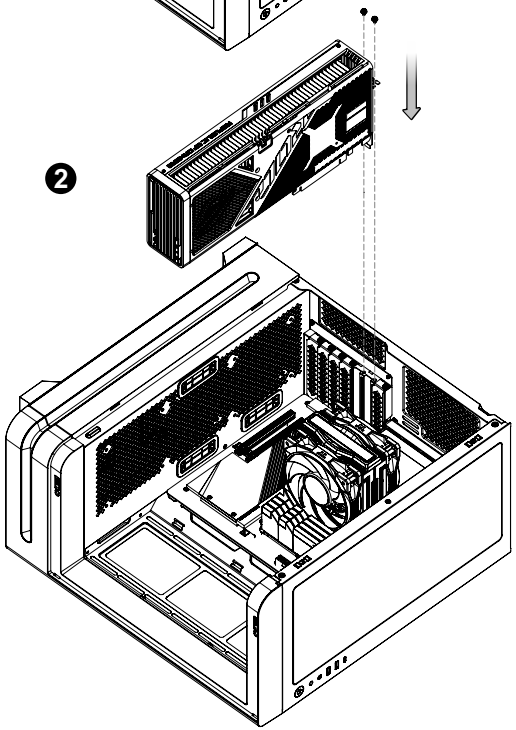


Type A

1

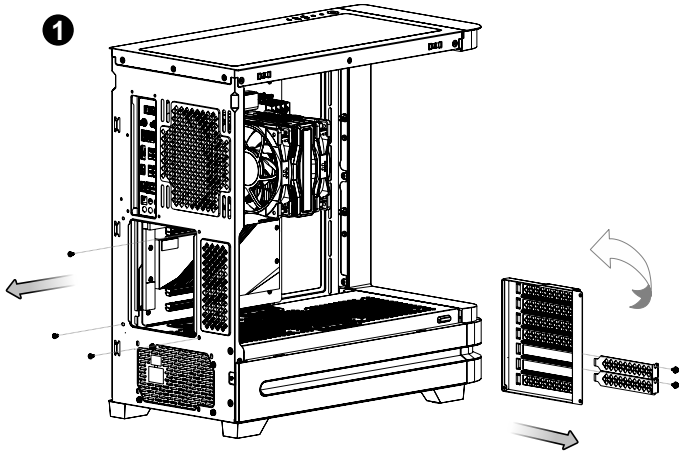


2

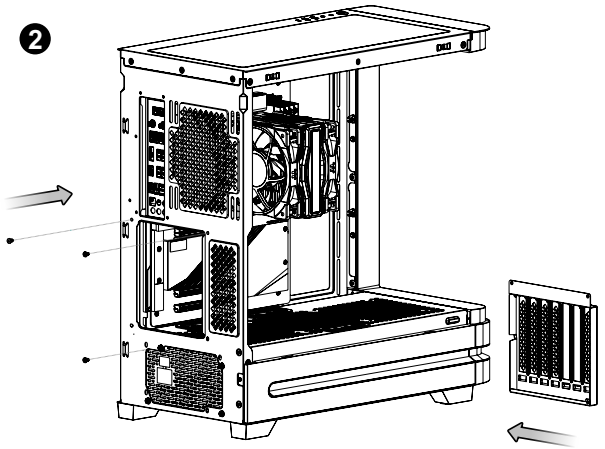


Type B

1



2

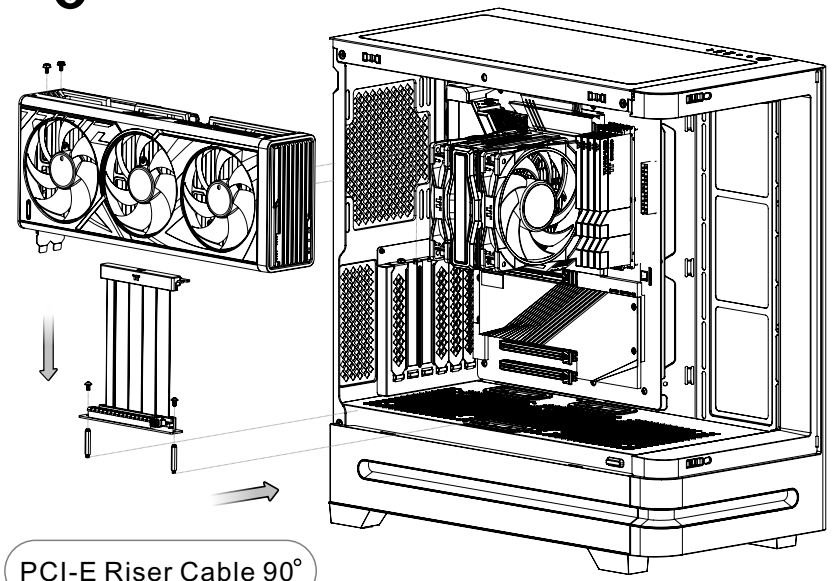


VGA Card Installation

x 2

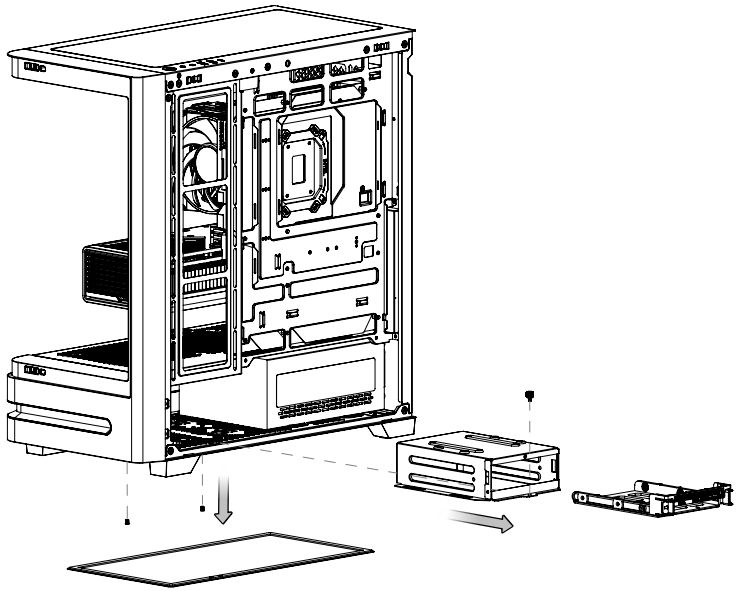
x 2

❸



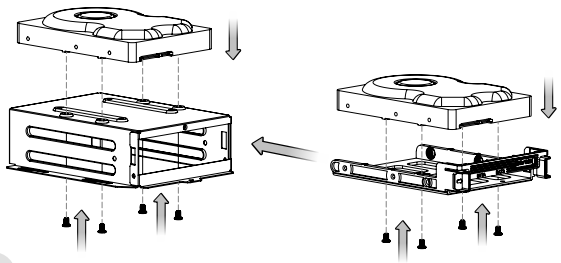
PCI-E Riser Cable 90°

- PCI-E Riser Cable is not included.



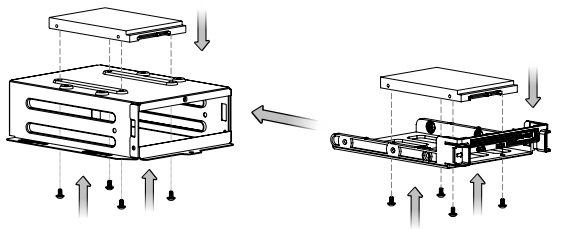
3.5” HDD

x 4



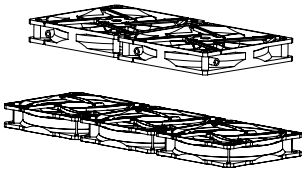
SSD/2.5” HDD

x 4



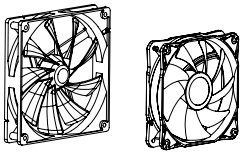
Top

140mm x 2
or
120mm x 3



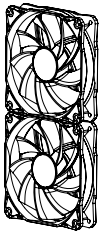
Rear

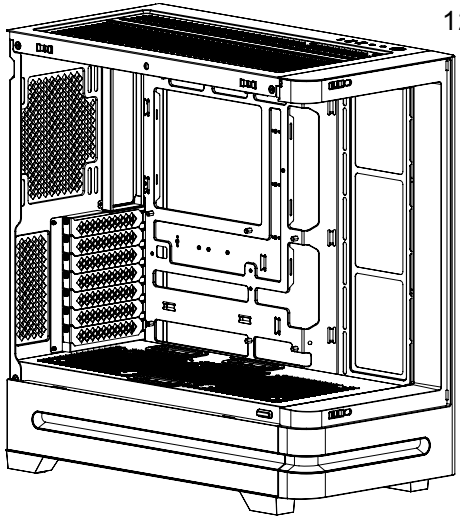
140mm x 1
or
120mm x 1

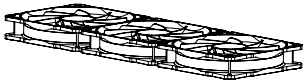


M/B Side

120mm x 2





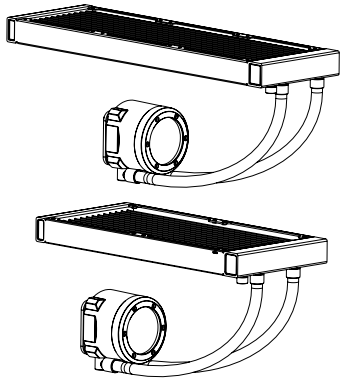


Power Cover

120mm x 3

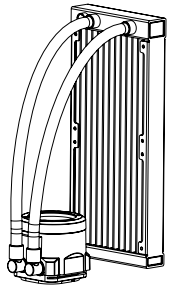
Top

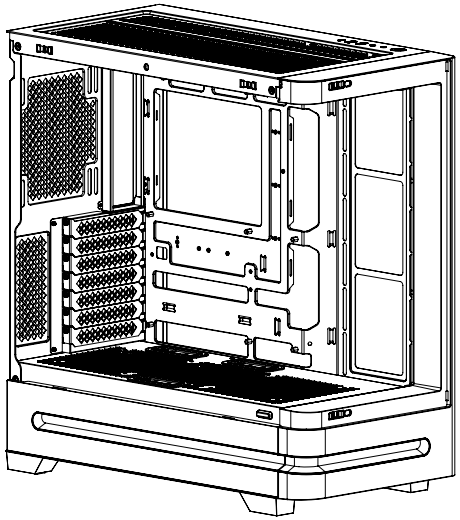
360mm x 1
or
280mm x 1



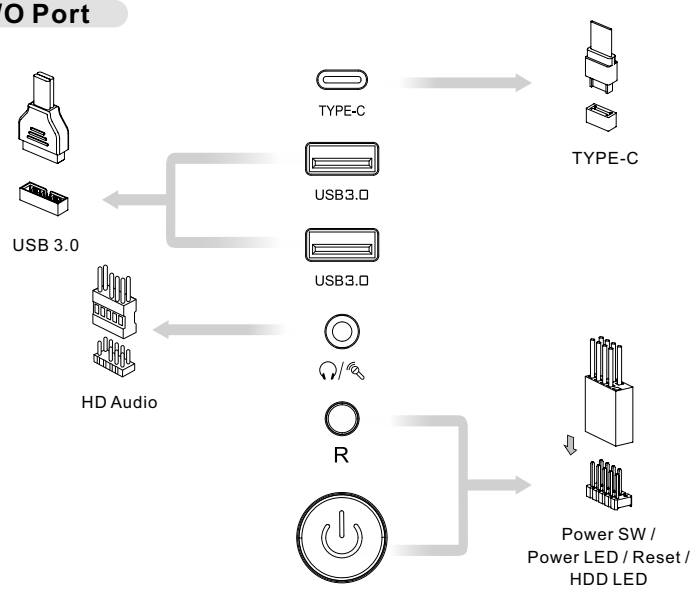
M/B Side

240mm x 1





I/O Port



Motherboard Header Diagram

