TT® thermaltake

AX500

User's Manual   安裝說明書
Benutzerhandbuch   用戶手冊ユーザーズマニュアル
Mode d'emploi   Руководство пользователя
Manual del usuario   kullanıcı elkitabı
Manuale dell'utente   (EEE Yönetmeliğine Uygundur)
Manual do Utilizador   คู่มือการใช้

TT®

thermaltake

FC Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE   RoHS COMPLIANT   UK CA   C E

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
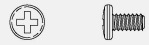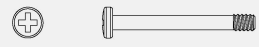● Enter monthly contests and giveaways

CONTENTS

Chapter 1. Product Introduction

Chapter 2. Installation Guide

Case Type	Full Tower	
Dimension (H*W*D)	550 x 248 x 548 mm (21.7 x 9.8 x 21.6 inch)	
Side Panel	Steel + TG	
Material	SPCC	
Cooling System	140 x 140 x 25 mm CT140 fan (1500 rpm, 30.5 dBA) x 4	
Drive Bays	5 x 3.5", 1 x 2.5" or 6 x 2.5"	
Expansion Slots	8	
Motherboards	6.7" x 6.7" (Mini ITX), 9.6" x 9.6" (Micro ATX), 12" x 9.6" (ATX), 12" x 13" (E-ATX), SSI-CEB, SSI-EEB	
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	Front	4 x 120 mm, 3 x 120 mm, 2 x 120 mm, 1 x 120 mm 3 x 140 mm, 2 x 140 mm, 1 x 140 mm
	Top	3 x 120 mm, 2 x 120 mm, 1 x 120 mm 3 x 140 mm, 2 x 140 mm, 1 x 140 mm
	Rear	1 x 120 mm, 1 x 140 mm
	Right	3 x 120 mm, 2 x 120 mm, 1 x 120 mm 2 x 140 mm, 1 x 140 mm
	Power Cover	3 x 120 mm, 2 x 120 mm, 1 x 120 mm
Radiator Support	Front (AIO)	1 x 360 mm, 1 x 240 mm, 1 x 120 mm 1 x 420 mm, 1 x 280 mm, 1 x 140 mm
	Top (AIO)	1 x 360 mm, 1 x 240 mm, 1 x 120 mm 1 x 420 mm, 1 x 280 mm, 1 x 140 mm
	Rear (AIO)	1 x 120 mm, 1 x 140 mm
Clearances	CPU cooler height limitation	185 mm (Max)
	VGA length limitation	460 mm (Max)
	PSU length limitation	200 mm (Max)

Figure		Part Name	Q'ty	Use For
		Screw #6-32 x 6 mm	4	Power Supply
		Screw #6-32 x 5 mm	25	3.5" HDD
		Screw M3 x 5 mm	40	Motherboard / 2.5" SSD / HDD
		Screw #6-32 x 28 mm	12	Case Fan on the Power Cover
		Screw ∅ 5 x 10 mm	8	Case Fan
		Cable Ties	10	Cable Management
		Buzzer	1	Motherboard Alarm
		Side Plate Clip	6	Side Panel
		Stand-off #6-32 x 6.5 mm	5	Motherboard
		Nut Setter	1	Motherboard Stand-off
		Velcro-1 meter	1	Cable Management

Chassis dimension

541mm

248mm

548mm

531mm

550mm
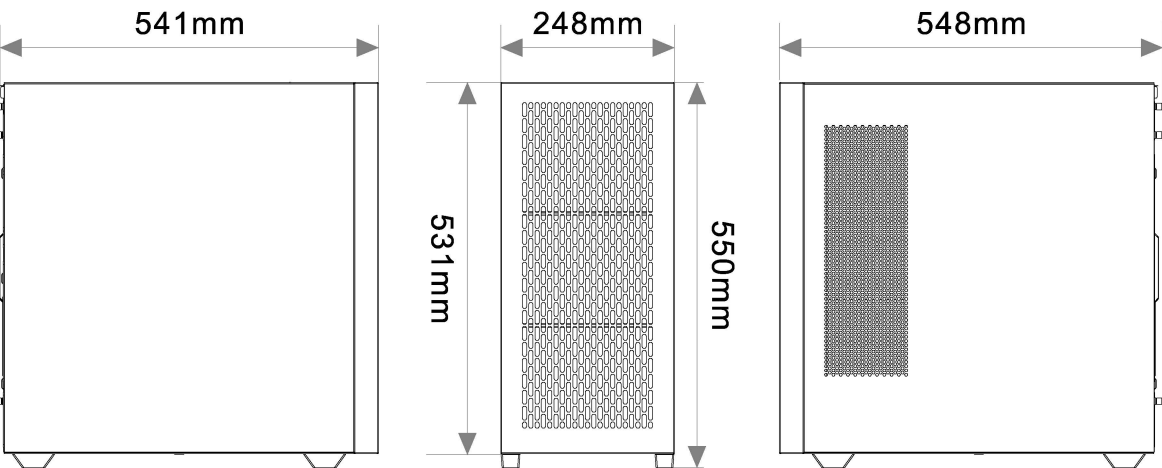
Motherboard compatibility: ITX / mATX / ATX / E-ATX
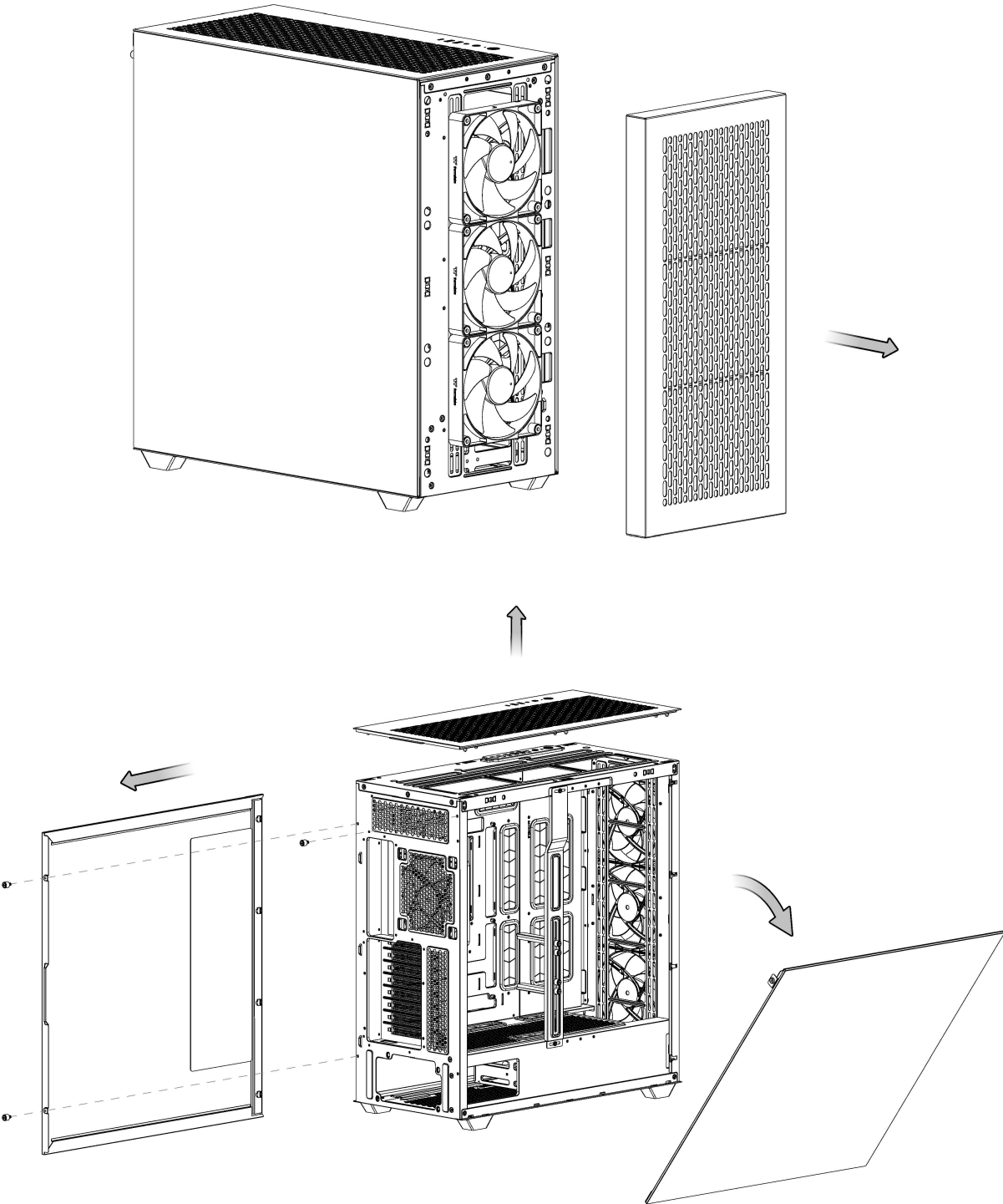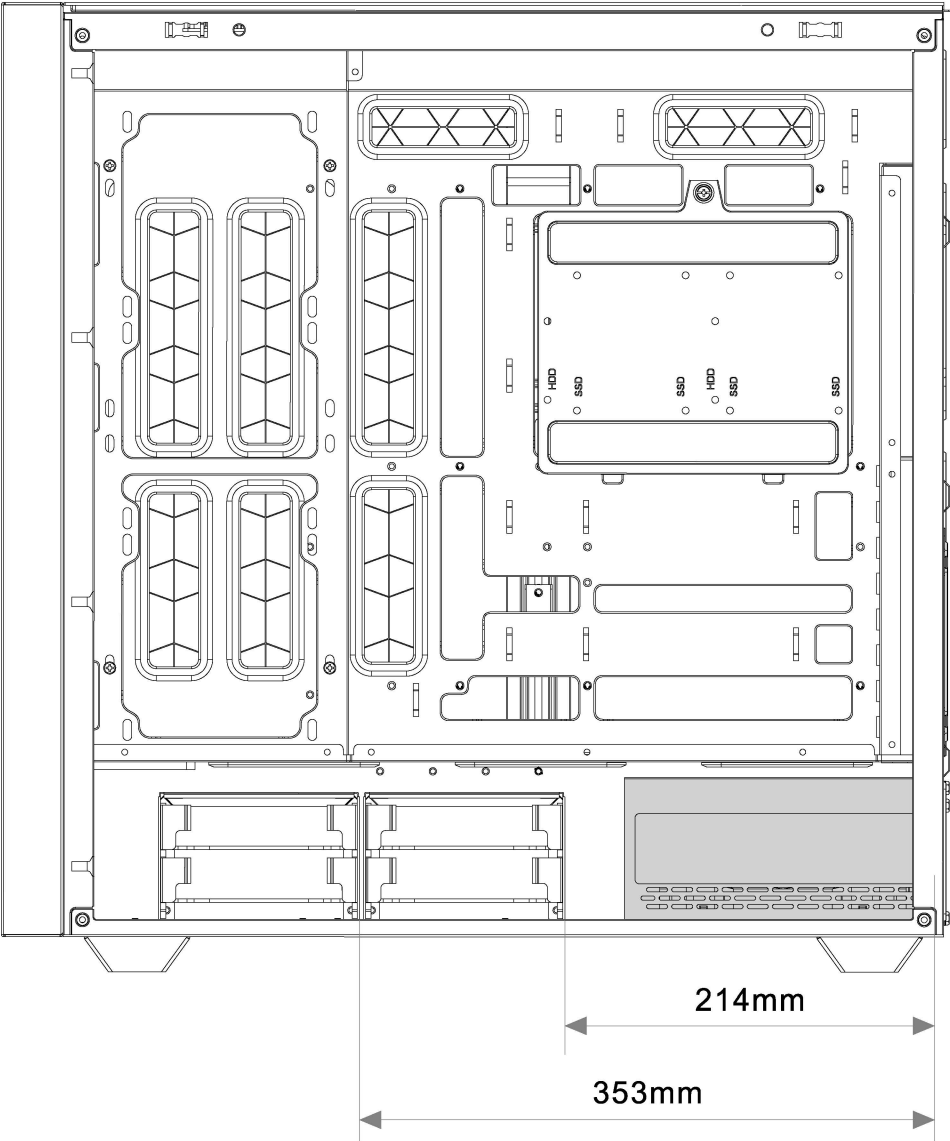
ITX

E-ATX

mATX

ATX
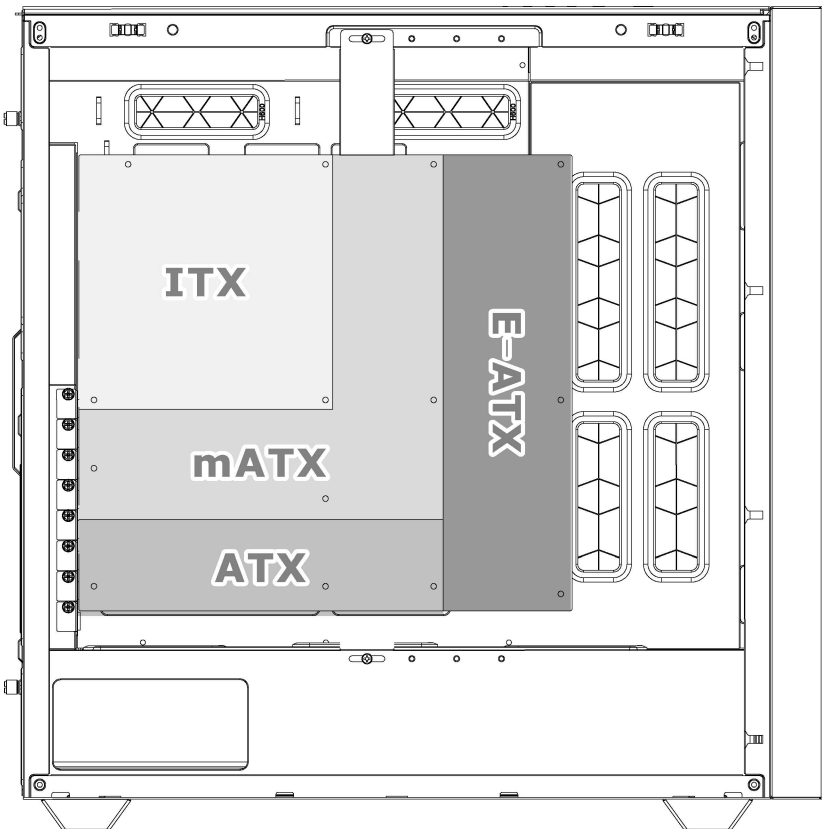
CPU cooler max height: 185mm

185mm

VGA max length: 430mm (with front Radiator)
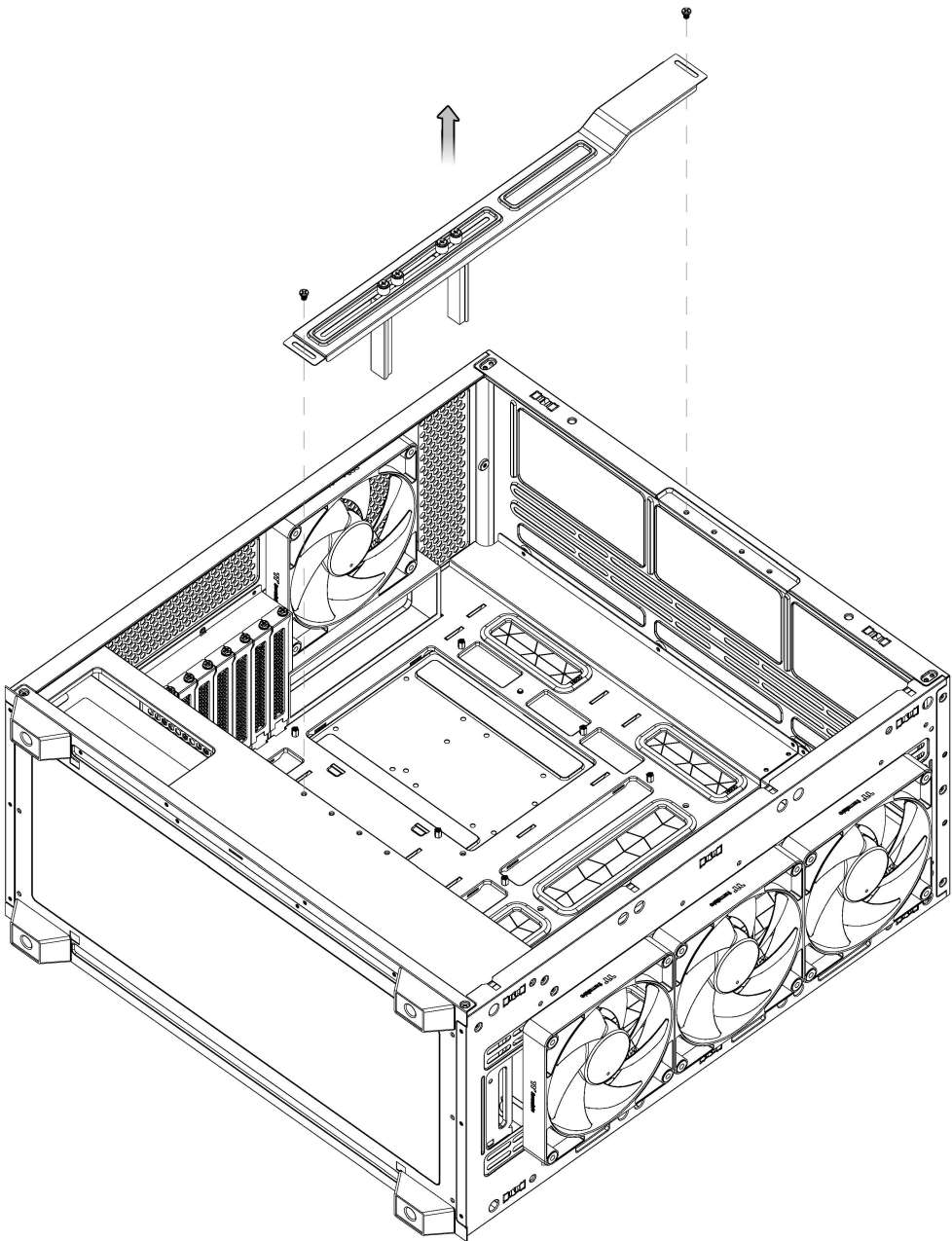## VGA max length: 460mm

Radiator: 456mm
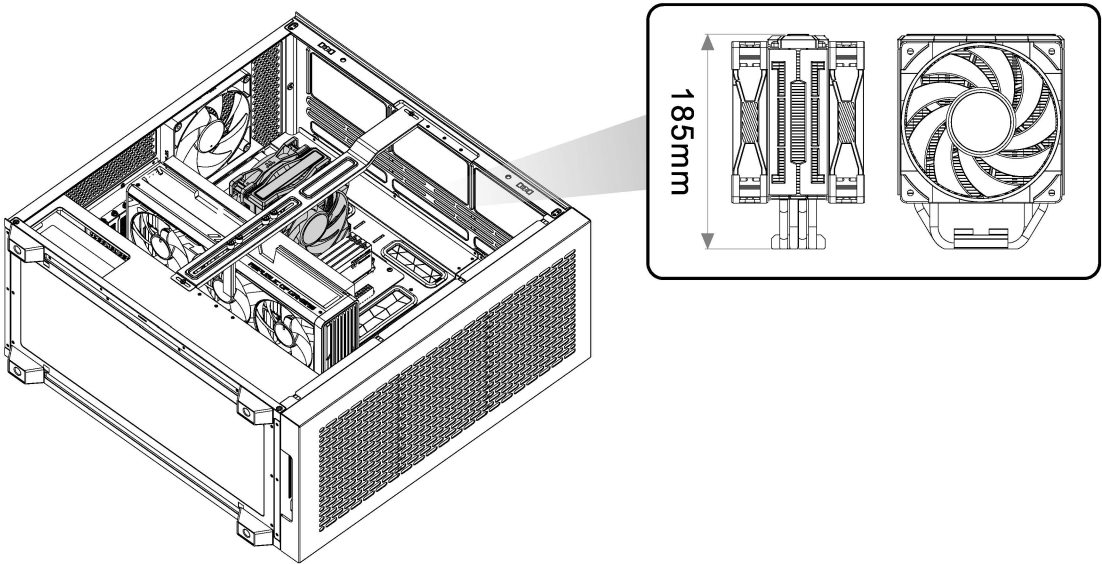
VGA max length: 430mm (with front Radiator)
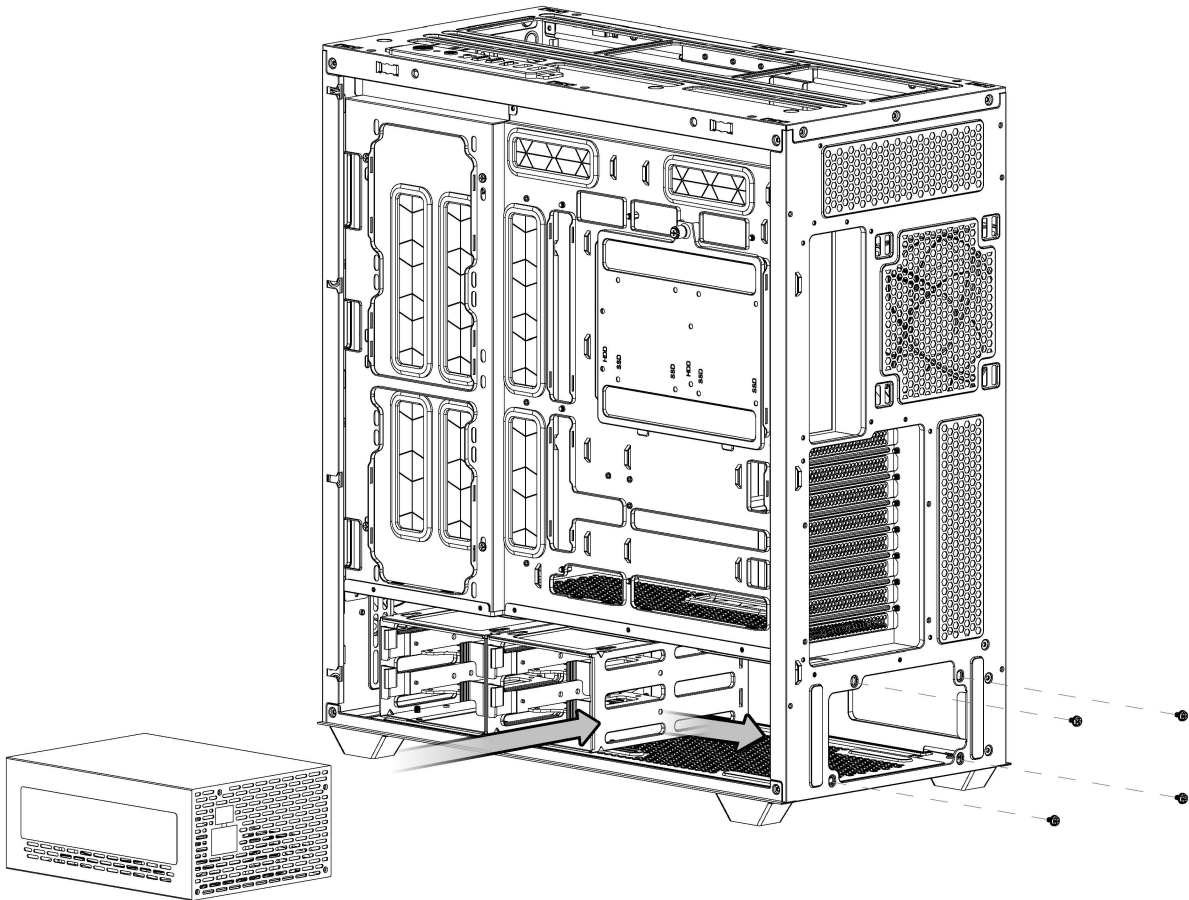
VGA max length: 460mm

430mm

460mm
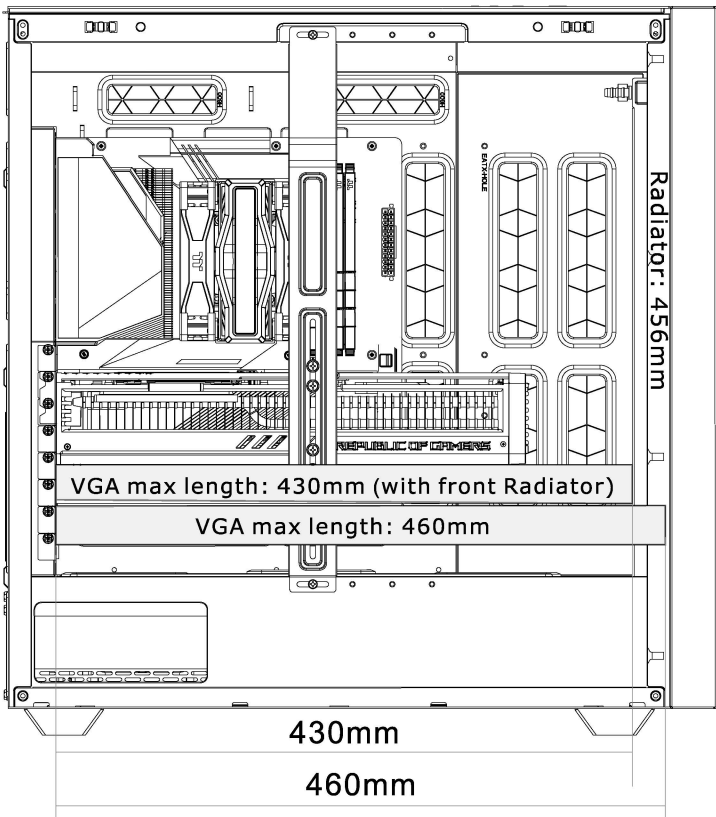
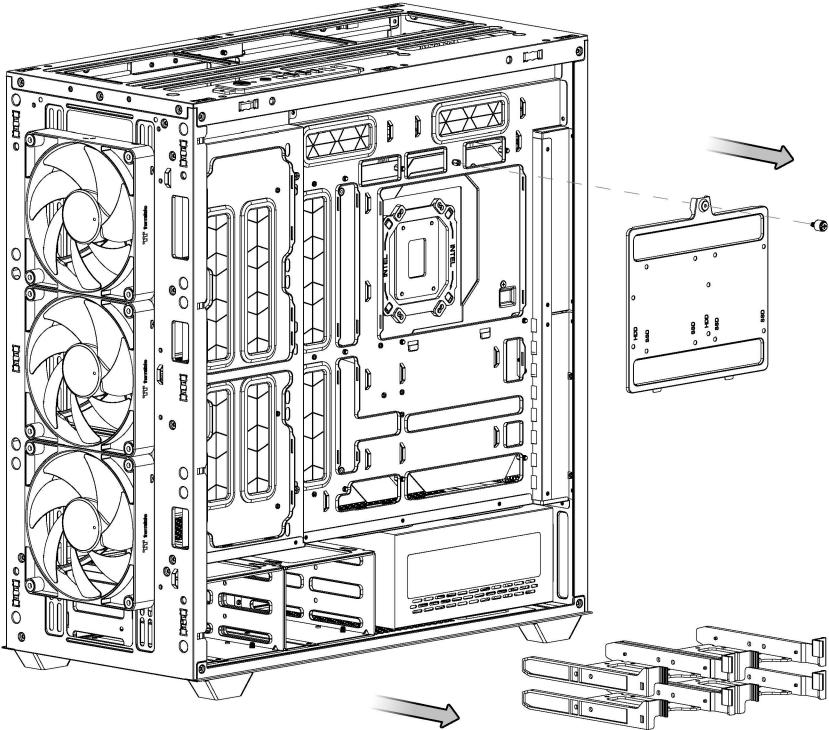PSU max length: 180mm (with 2 HDD Cage)
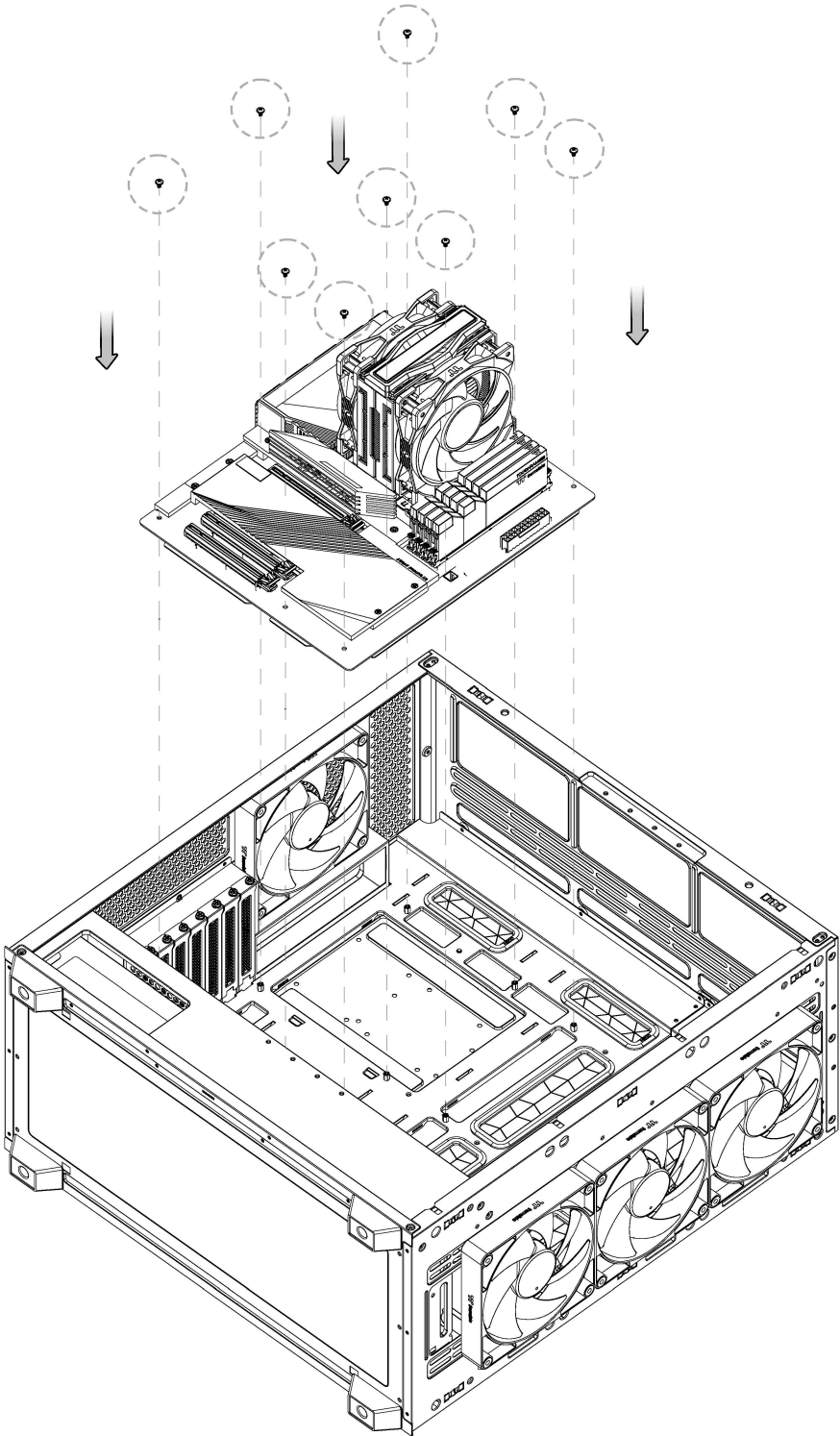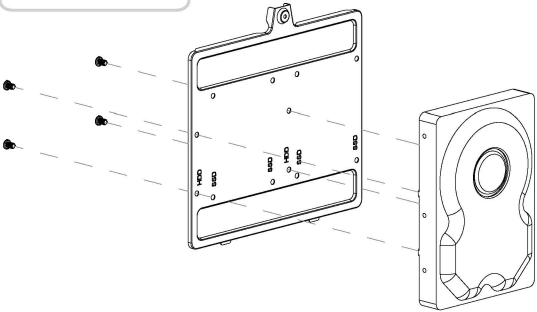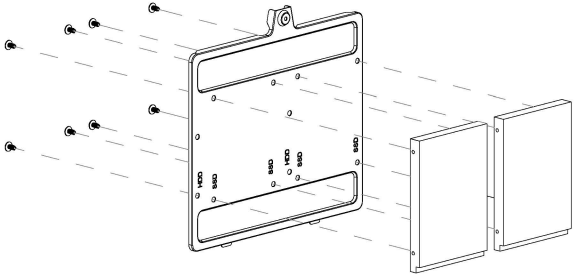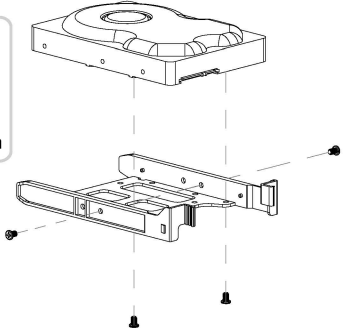PSU max length: 220mm (with 1 HDD Cage)

214mm

353mm

x **4**

Screw #6-32 x 6 mm

x 9

x 4

Screw #6-32 x 6 mm

x 8

Screw M3 x 5 mm

x 4

Screw #6-32 x 6 mm

x 4

Screw M3 x 5 mm

238mm

214mm

353mm

Rear

140mm x 1
or
120mm x 1

Top

140mm x 3
or
120mm x 3

Right

120mm x 3
or
140mm x 2

Power Cover

120mm x 3

Front

120mm x 4
or
140mm x 3

Top

420mm x 1
or
360mm x 1

Rear

140mm x 1
or
120mm x 1

Front

420mm x 1
or
360mm x 1

USB3.0   USB3.0   TYPE-C

R   ⌂/🎤

Power SW /
Power LED /
Reset /
HDD LED

HD Audio   USB 3.0   TYPE-C
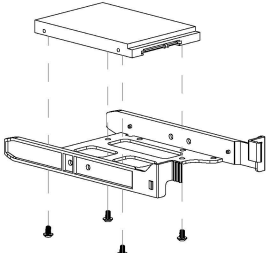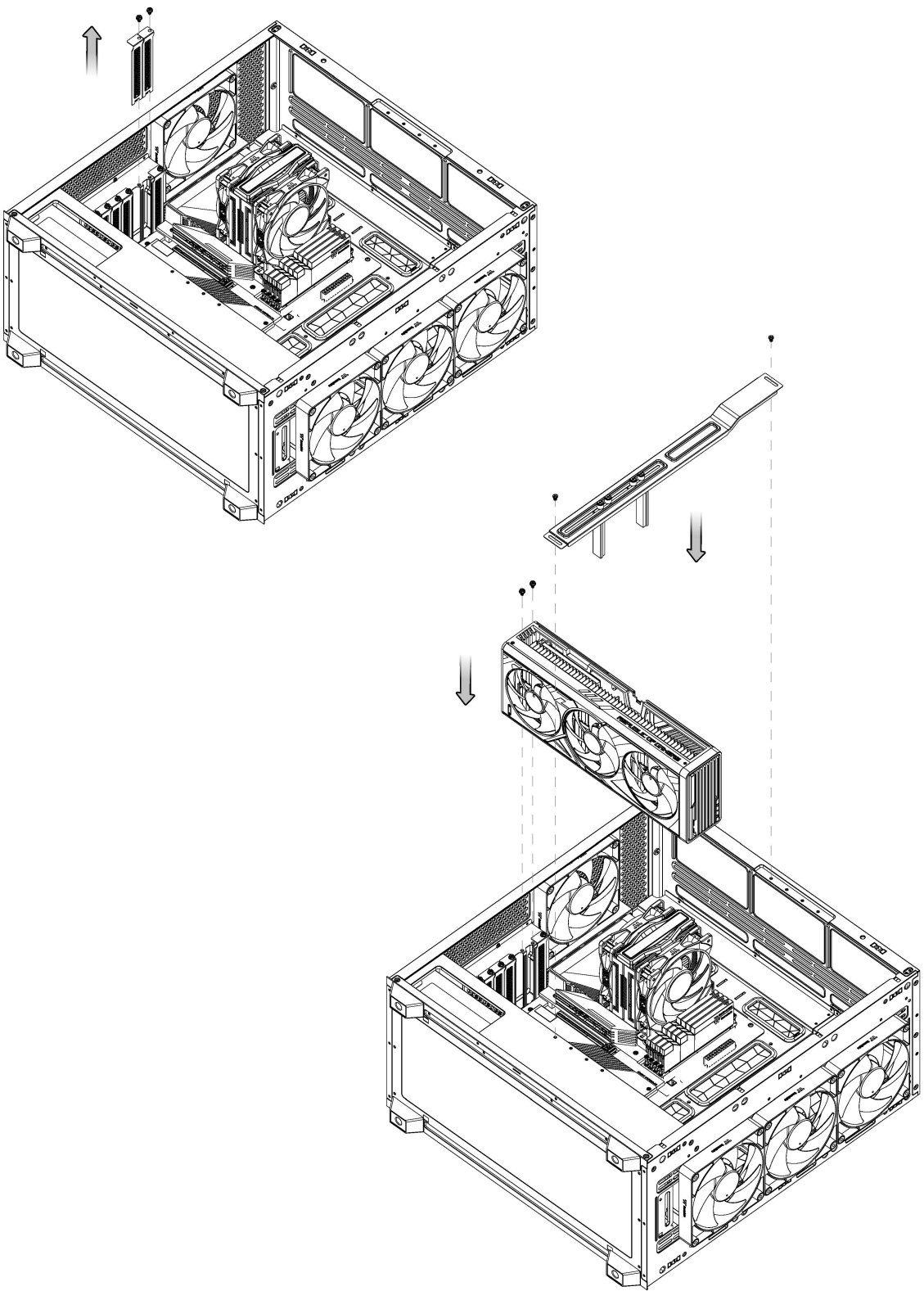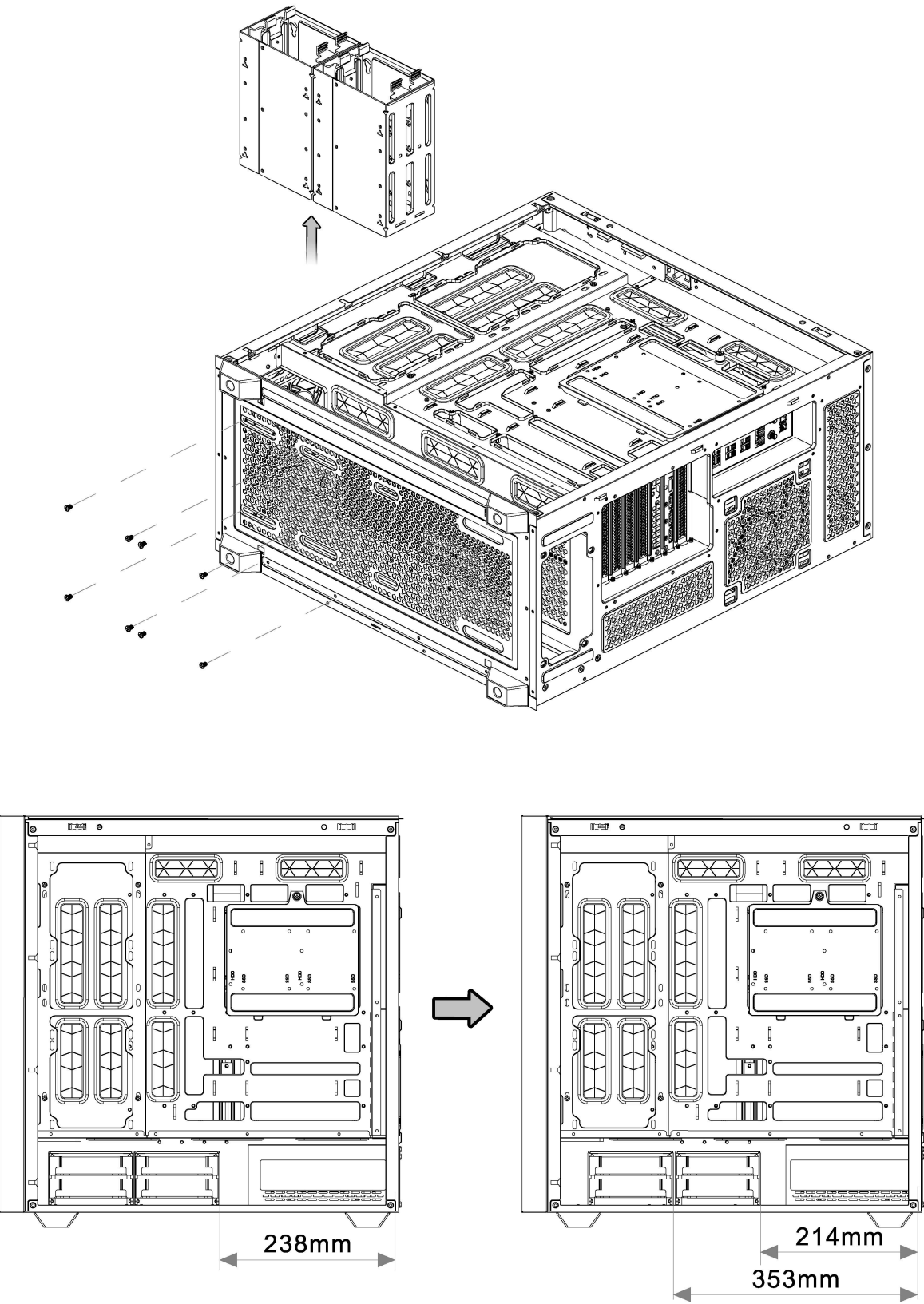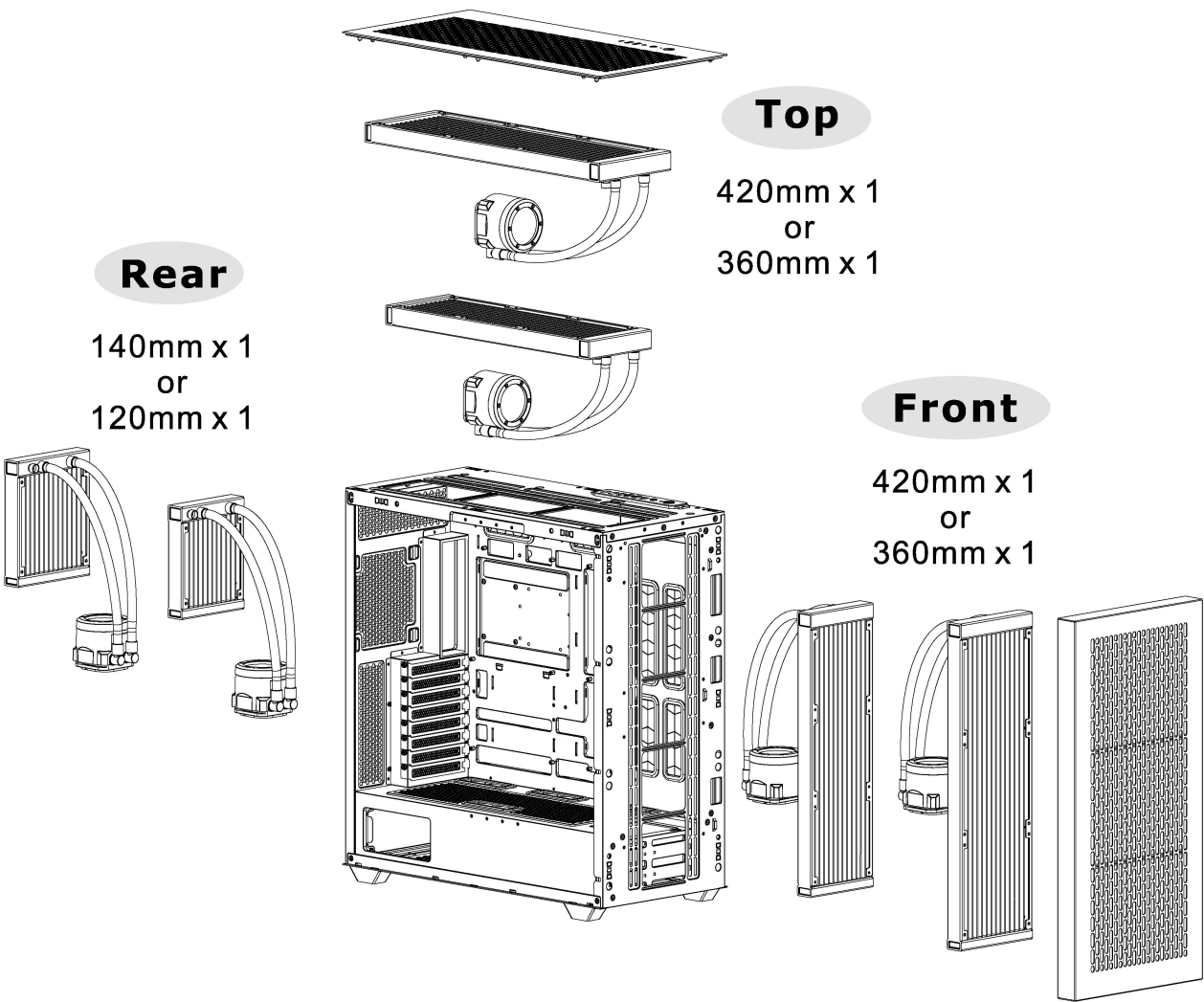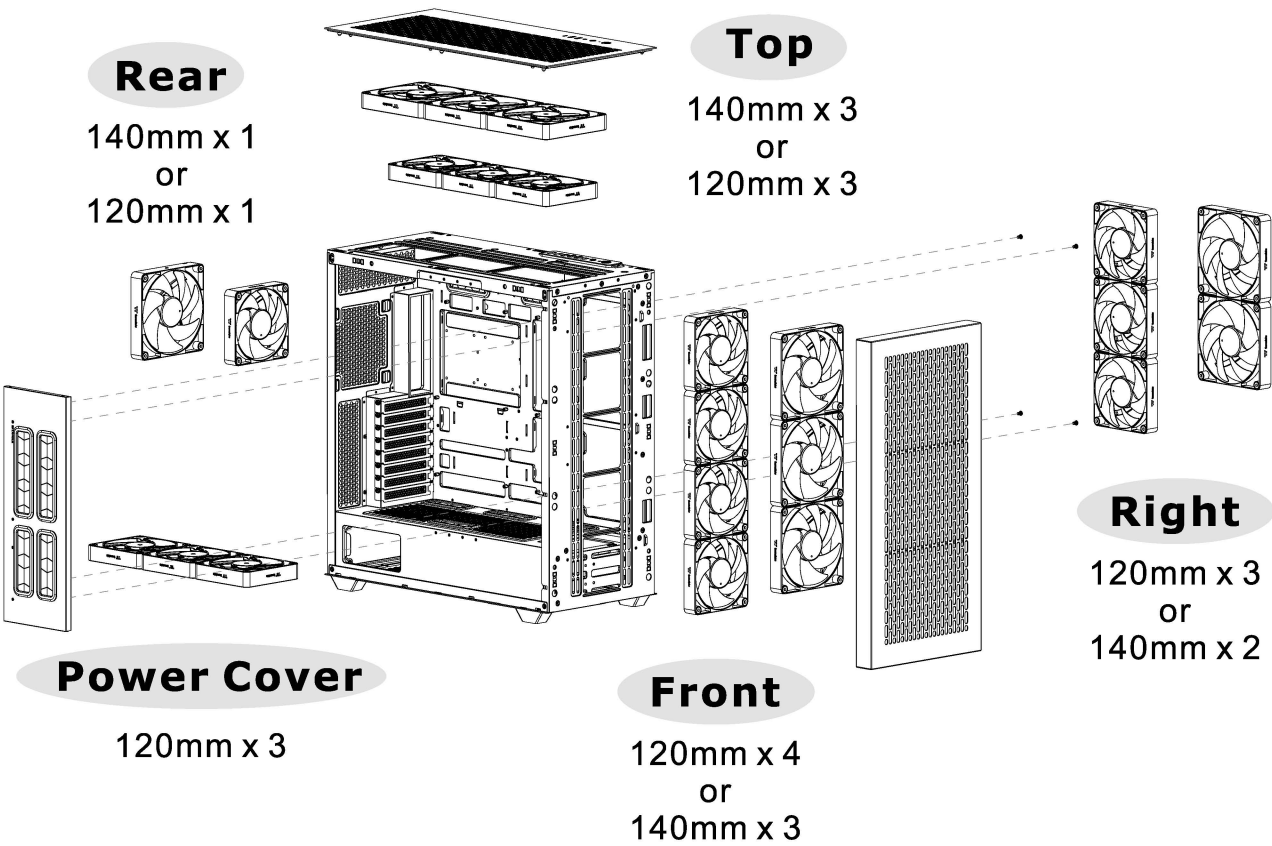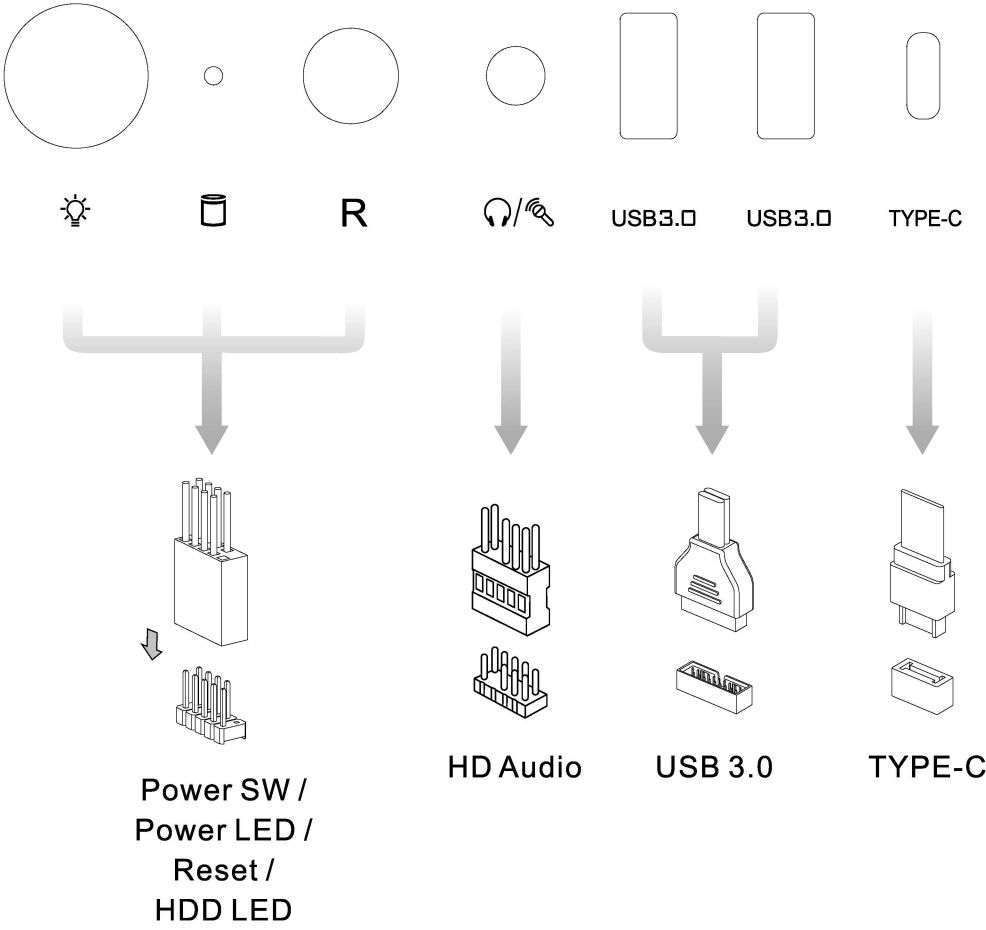
Motherboard Header Diagram

Power LED   Power Switch

+   -

+   -

Reserved

HDD LED   Reset Switch