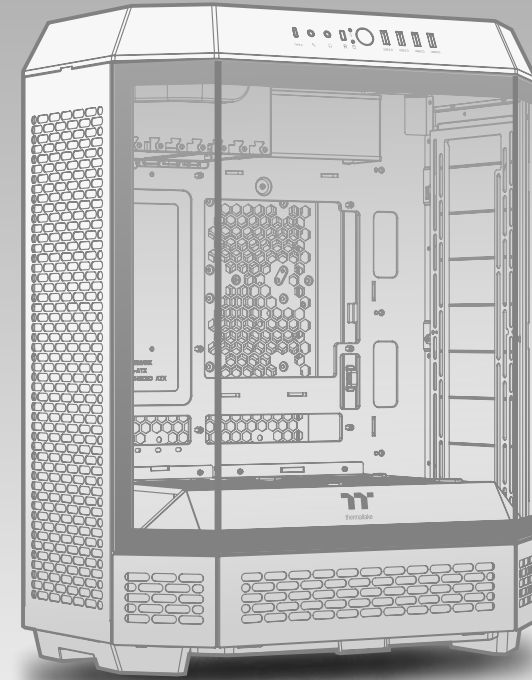




• Picture is for reference only

# The Tower 600

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



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## 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/>

**Global Facebook**  
<https://www.facebook.com/ThermaltakeInc>

**Taiwan Facebook**  
<http://www.facebook.com/ThermaltakeTW>

**Global community forums**  
<http://community.thermaltake.com>

# CONTENTS

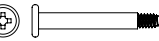
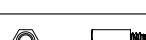
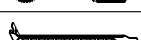
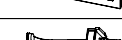
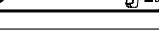
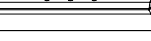
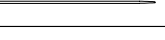
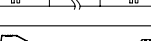
## Chapter 1. Product Introduction

|     |                          |    |
|-----|--------------------------|----|
| 1.0 | Specification .....      | 01 |
| 1.1 | Accessory .....          | 02 |
| 1.2 | Warning and Notice ..... | 03 |

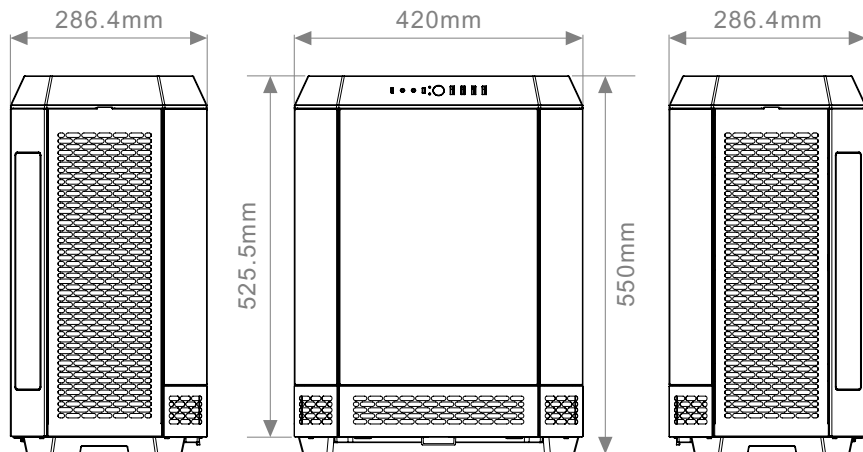
## Chapter 2. Installation Guide

|     |                                            |    |
|-----|--------------------------------------------|----|
| 2.0 | Remove Components .....                    | 06 |
| 2.1 | Power Supply Unit (PSU) Installation ..... | 07 |
| 2.2 | Motherboard Installation .....             | 08 |
| 2.3 | HDD Installation .....                     | 09 |
| 2.4 | VGA Card Installation .....                | 11 |
| 2.5 | Air Cooling Installation .....             | 13 |
| 2.6 | AIO Liquid Cooling Installation .....      | 14 |
| 2.7 | I/O Connection .....                       | 15 |
| 2.8 | Remove Filters .....                       | 16 |

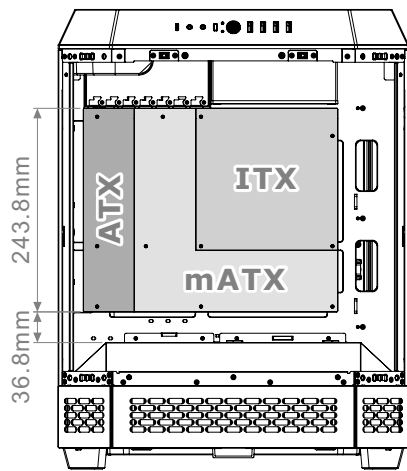
|                   |                                                                               |                                                           |                                    |
|-------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------|
| Case Type         | Mid Tower                                                                     |                                                           |                                    |
| Dimension (H*W*D) | 550 x 420 x 286.4 mm (21.65 x 16.54 x 11.28 inch)                             |                                                           |                                    |
| Side Panel        | Tempered Glass x 3                                                            |                                                           |                                    |
| Material          | SPCC                                                                          |                                                           |                                    |
| Cooling System    | <b>Top (exhaust):</b><br>140 x 140 x 25 mm CT140 fan (1500 rpm, 30.5 dBA) x 2 |                                                           |                                    |
| Drive Bays        | 1 x 3.5", 2 x 2.5" or 3 x 2.5"                                                |                                                           |                                    |
| Expansion Slots   | 7                                                                             |                                                           |                                    |
| Motherboards      | 6.7" x 6.7" (Mini ITX), 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 4, 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 Side                                                                    | 3 x 120 mm, 2 x 120 mm, 1 x 120 mm                        | 3 x 140 mm, 2 x 140 mm, 1 x 140 mm |
|                   | Left                                                                          | 3 x 120 mm, 2 x 120 mm, 1 x 120 mm                        |                                    |
|                   | Rear                                                                          | 2 x 120 mm, 1 x 120 mm                                    | 2 x 140 mm, 1 x 140 mm             |
|                   | Power Cover                                                                   | 1 x 120 mm                                                | 1 x 140 mm                         |
|                   | Bottom                                                                        | 1 x 120 mm                                                | 1 x 140 mm                         |
| Radiator Support  | Right Side (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 |
|                   | Left Side (AIO)                                                               | 1 x 360 mm, 1 x 240 mm, 1 x 120 mm                        |                                    |
| Clearances        | CPU cooler height limitation                                                  | 210 mm                                                    |                                    |
|                   | VGA length limitation                                                         | 280 mm (With power cover)<br>400 mm (Without power cover) |                                    |
|                   | PSU length limitation                                                         | 220 mm                                                    |                                    |

| Figure                                                                                | Part Name                | Q'ty | Used For                             |
|---------------------------------------------------------------------------------------|--------------------------|------|--------------------------------------|
|    | Screw #6-32 x 6 mm       | 15   | PSU / PCI-E slot plate               |
|    | Screw #6-32 x 6 mm       | 20   | Motherboard / 3.5" HDD               |
|    | Screw M3 x 5 mm          | 12   | 2.5" HDD / SSD                       |
|    | Fan Screw #6-32 x 29 mm  | 8    | Case Fan                             |
|    | Screw Ø5 x 10 mm         | 8    | Case Fan                             |
|    | Screw #6-32 x 6 mm       | 2    | Backup                               |
|    | Screw PT_3 x 6 mm        | 5    | VGA Clamp /<br>Riser Cable Bracket-B |
|    | Stand-off #6-32 x 6.5 mm | 3    | Backup                               |
|    | Nut setter               | 1    | Motherboard Stand-off                |
|    | PCI-E slot plate         | 7    | Backup                               |
|    | Buzzer                   | 1    | Motherboard Alarm                    |
|    | Side Plate Clip          | 6    | Backup                               |
|    | Bottom Front Panel       | 1    | 3.9" LCD Screen Kit                  |
|    | VGA Clamp                | 1    | VGA Stabilization                    |
|   | Riser Cable Bracket-A    | 1    | Riser Cable                          |
|  | Riser Cable Bracket-B    | 1    | Riser Cable                          |
|  | Cable Ties               | 10   | Cable Management                     |
|  | Velcro-1 meter           | 1    | Cable Management                     |
|  | USB 3.0 IDC Extender     | 1    | Motherboard                          |

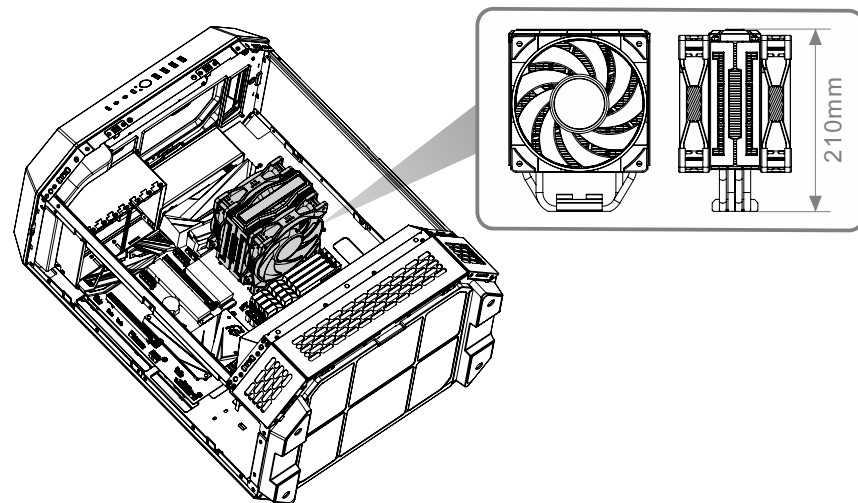
## Chassis dimension



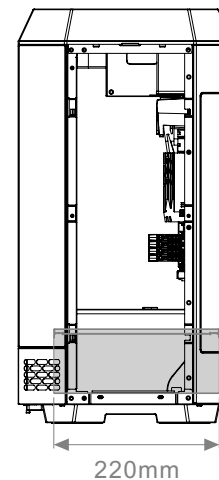
## Motherboard Compatibility: ITX / mATX / ATX



## CPU cooler max height: 210mm

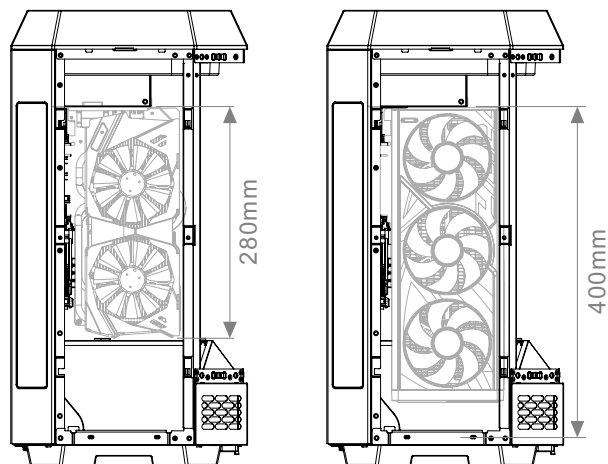


## PSU max length: 220mm

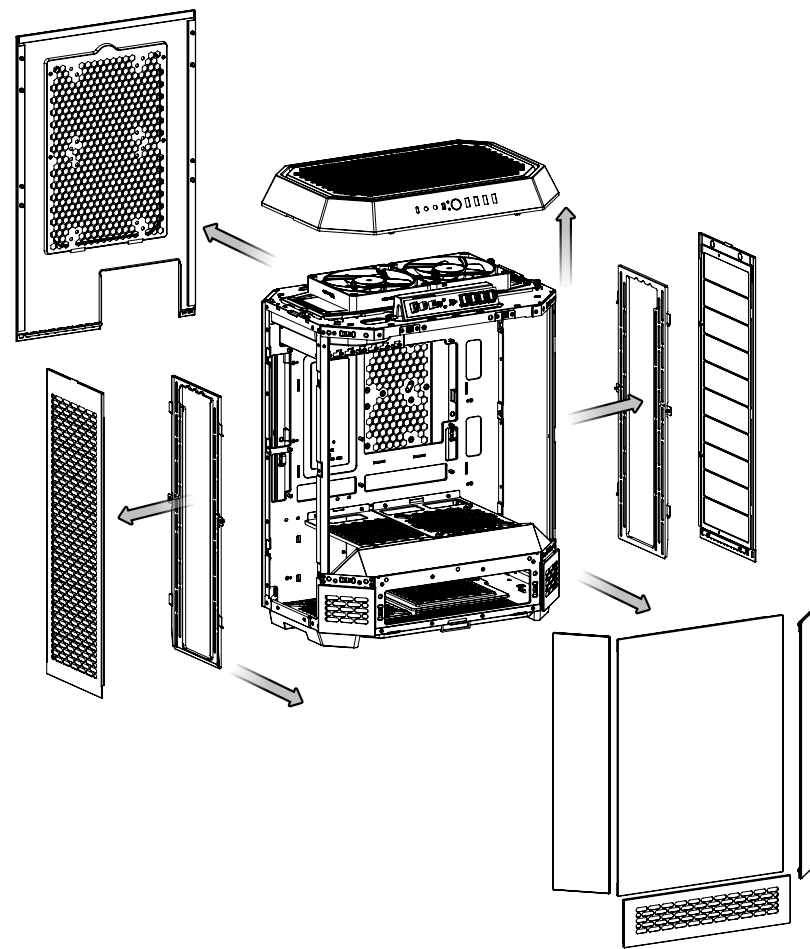
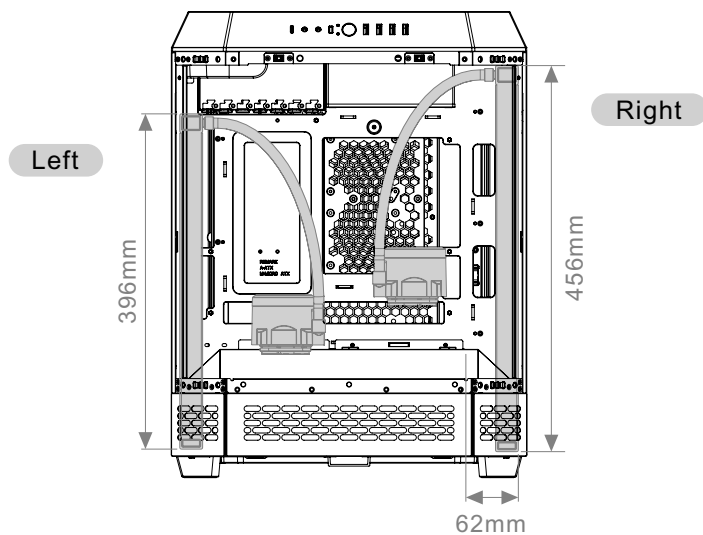




VGA max length: 280 mm (With Power Cover)  
400 mm (Without Power Cover)

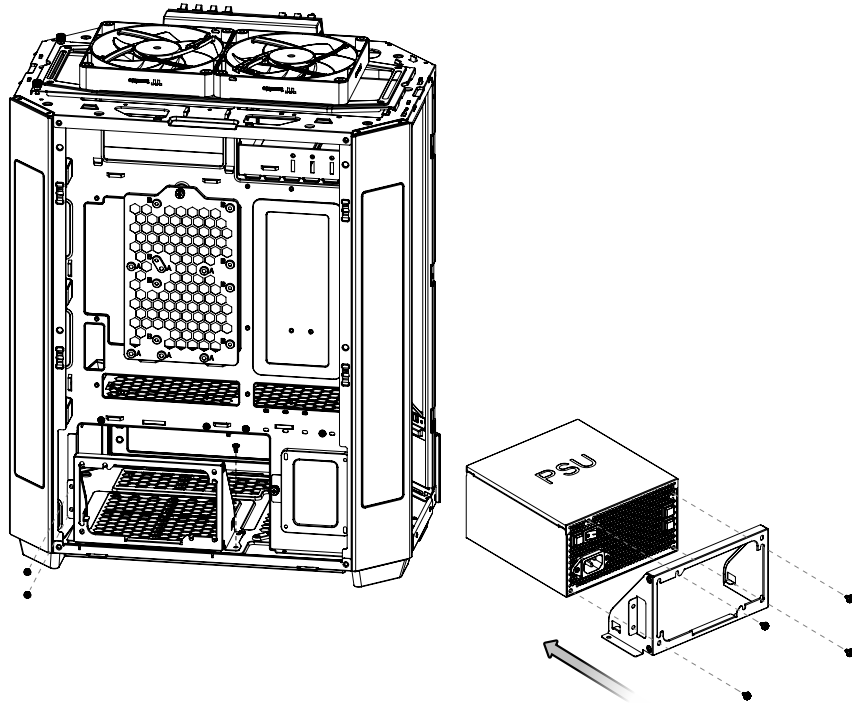


Radiator max length: 456 mm

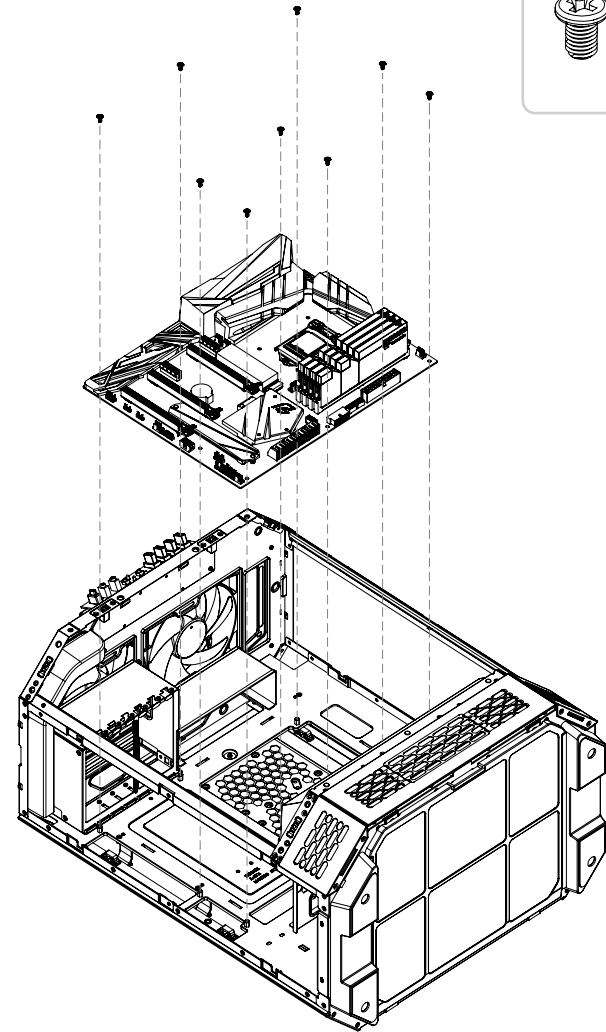


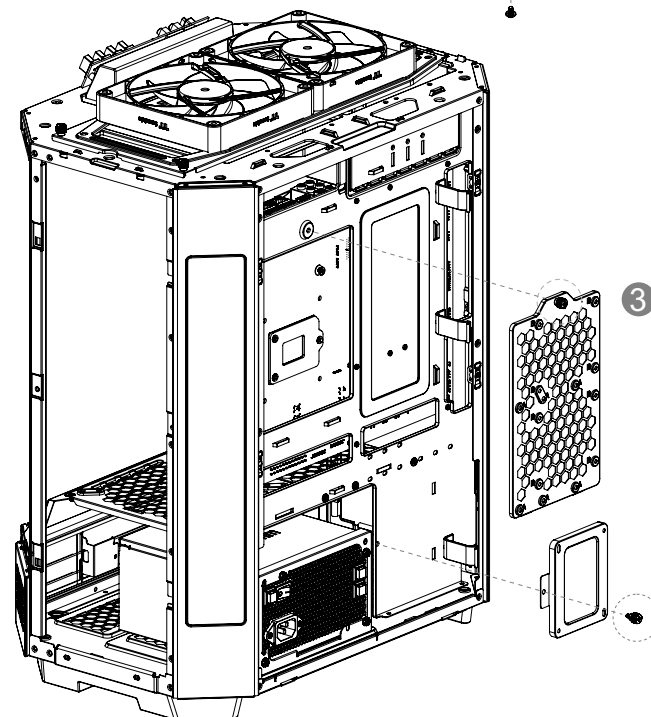
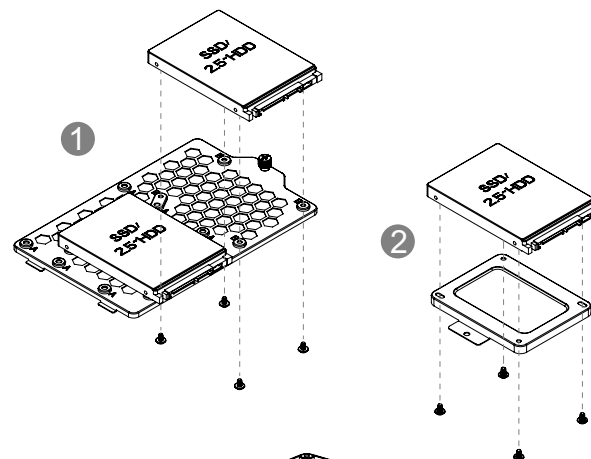
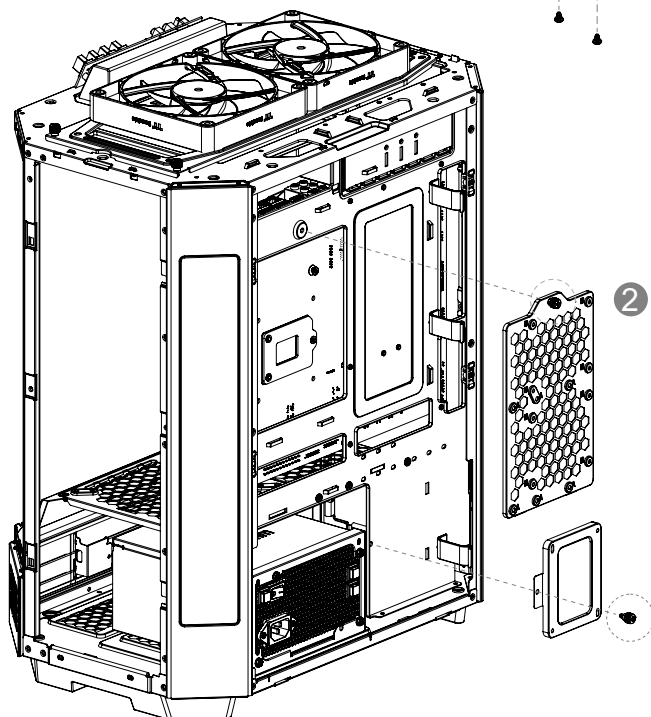
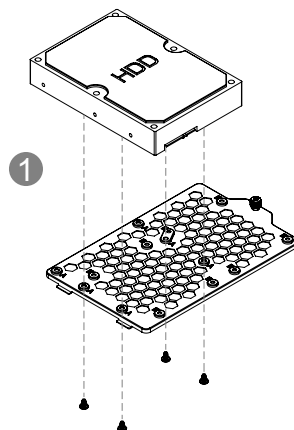


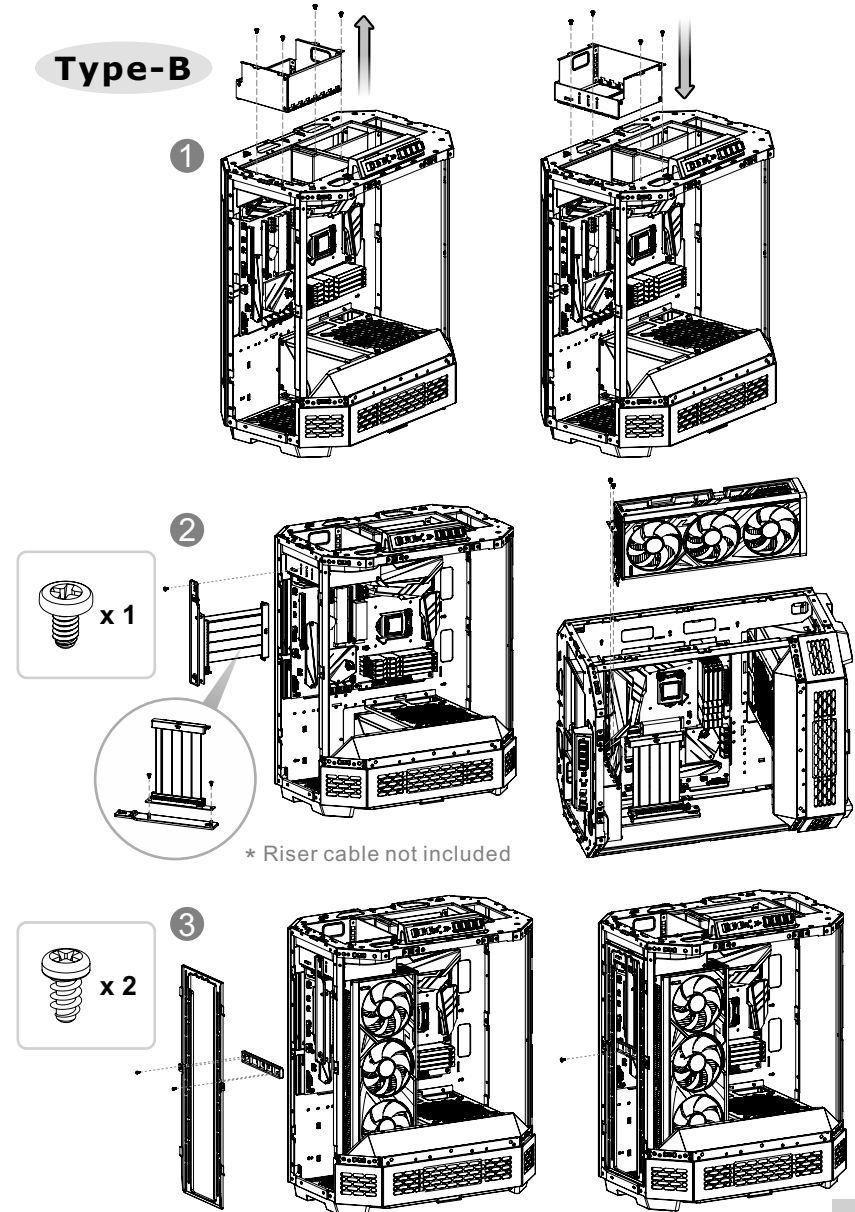
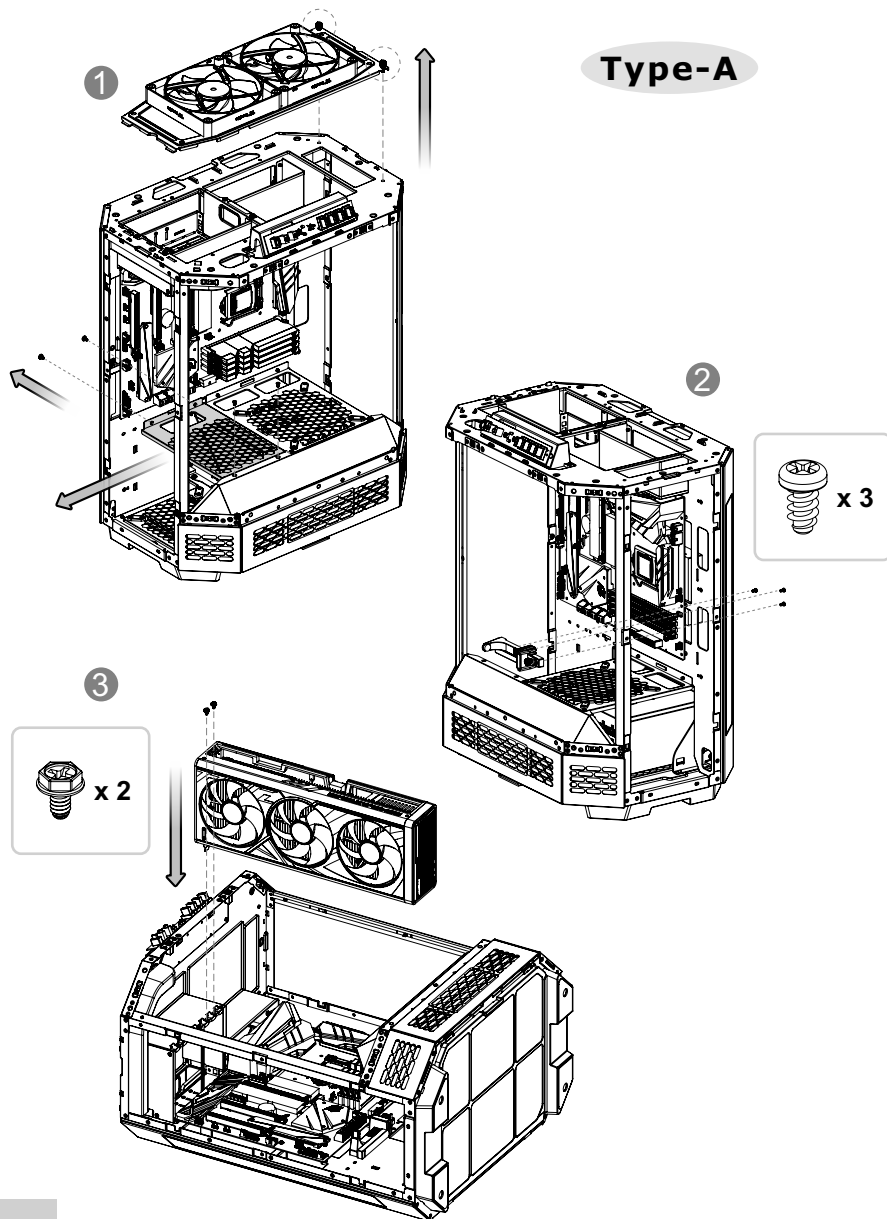
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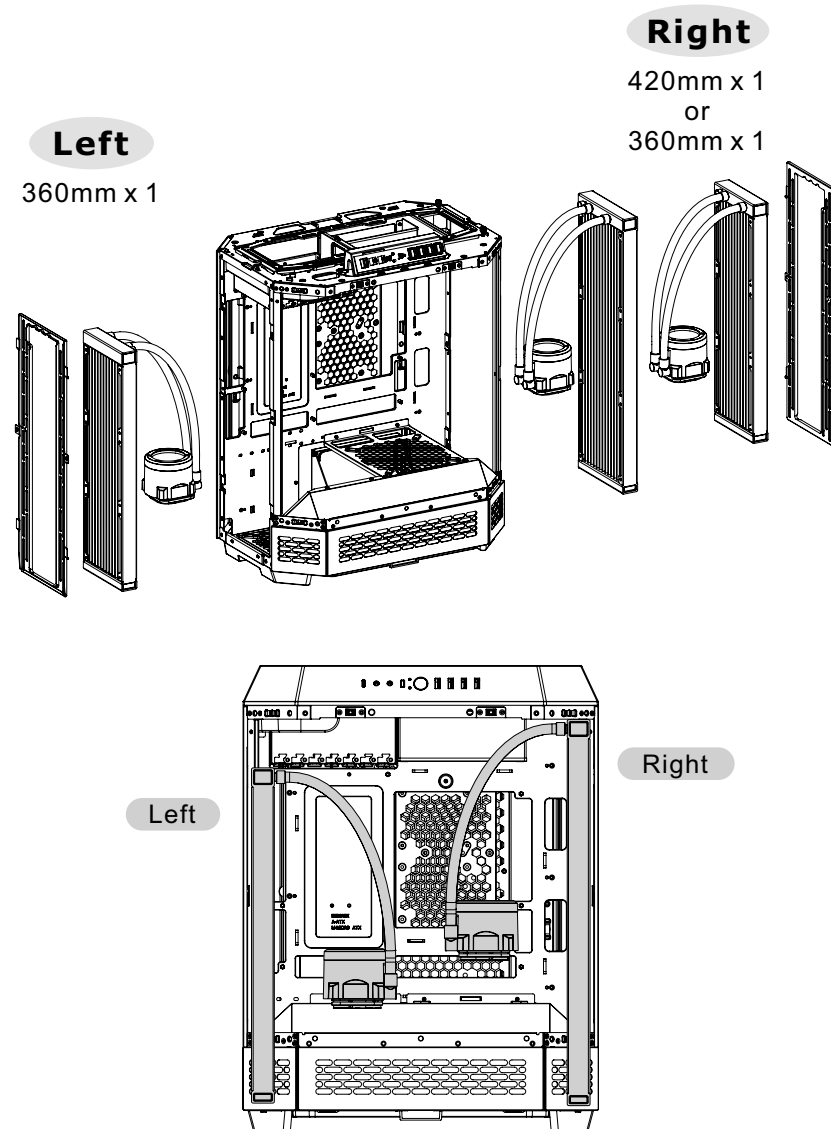
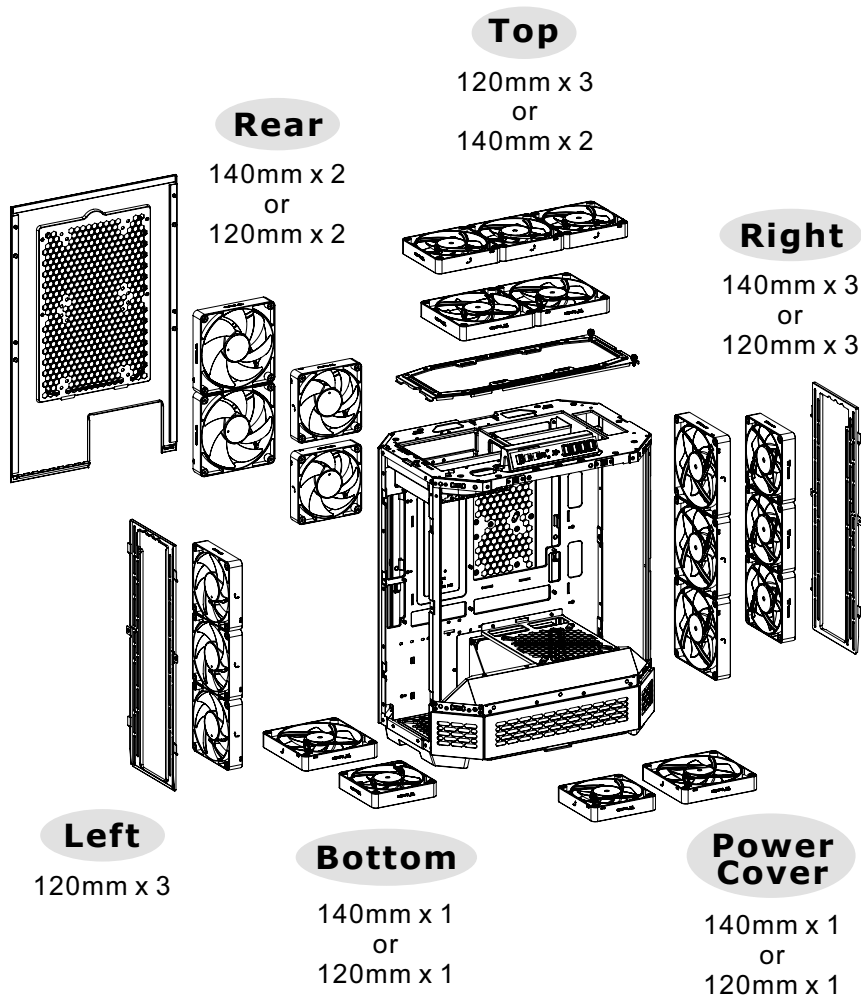


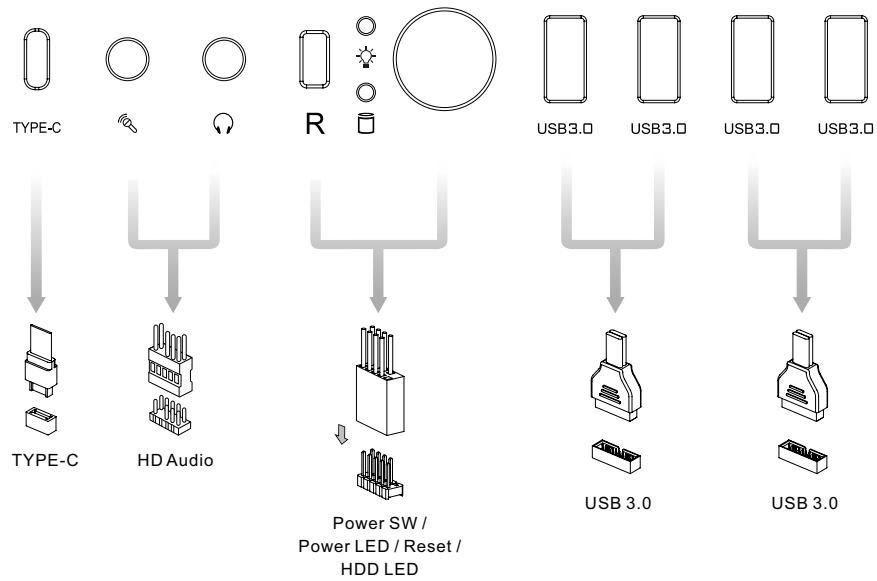
x 9



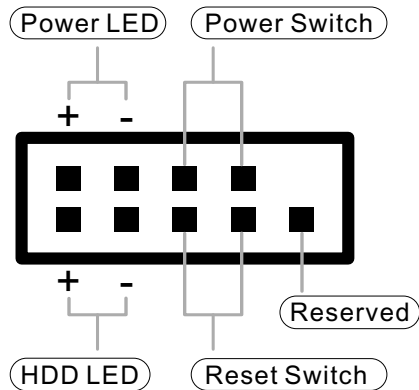








## Motherboard Header Diagram



## USB 3.0 IDC Extender

