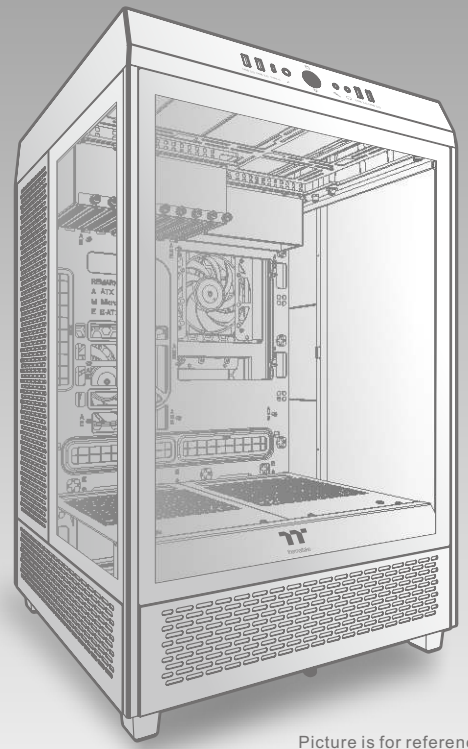
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Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

RoHS COMPLIANT

thermaltake



Picture is for reference only

# The Tower 500

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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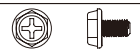

## Chapter 2. Installation Guide


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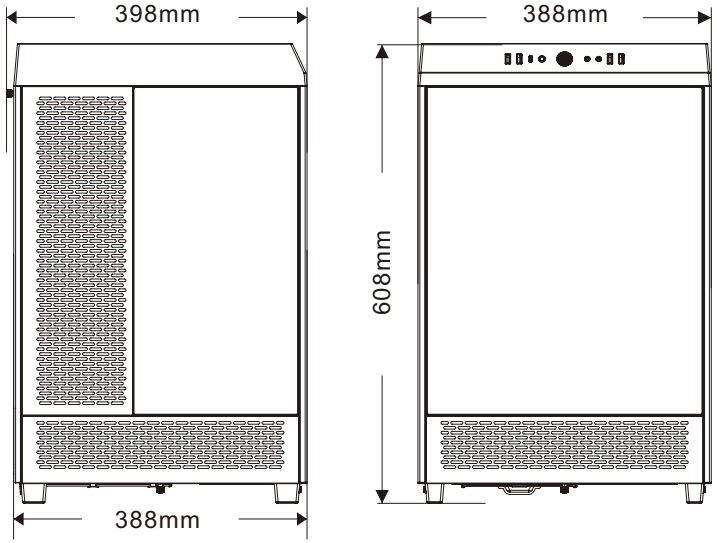
| | | | |
|---|---|---|---|
| Case Type | Mid Tower | | |
| Dimension (H*W*D) | 608 x 388 x 398 mm (23.9 x 15.3 x 15.7 inch) | | |
| Side Panel | Tempered Glass x 3 | | |
| Material | SPCC | | |
| Cooling System | Rear (exhaust):<br>120 x 120 x 25 mm Standard fan (1500 rpm, 35.8 dBA) x 2 | | |
| Drive Bays | 4 x 3.5”, 8 x 2.5”<br>or 8 x 3.5” | | |
| Expansion Slots | 9 | | |
| Motherboards | 6.7” x 6.7” (Mini ITX), 9.6” x 9.6” (Micro ATX),<br>12” x 9.6” (ATX), 10.5” x 12” (CEB), 13” x 12” (EEB) | | |
| 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 | 2 x 120 mm, 1 x 120 mm | 2 x 140 mm, 1 x 140 mm |
| | Side | 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 | 2 x 120 mm, 1 x 120 mm | 2 x 140 mm, 1 x 140 mm |
| | Bottom<br>(Vertical / Horizontal) | 2 x 120 mm, 1 x 120 mm | |
| Radiator Support | Top | 1 x 240 mm, 1 x 120 mm | 1 x 280 mm, 1 x 140 mm |
| | Side (AIO Only) | 1 x 360 mm, 1 x 240 mm,1 x 120 mm<br>(Max length limitation: 399 mm) | |
| | Bottom<br>(Vertical / Horizontal) | 1 x 240 mm, 1 x 120 mm | |
| Clearances | CPU cooler height limitation | 275 mm | |
| | VGA length limitation | 325 mm (With power cover)<br>355 mm (Without power cover) | |
| | PSU length limitation | 200 mm | |



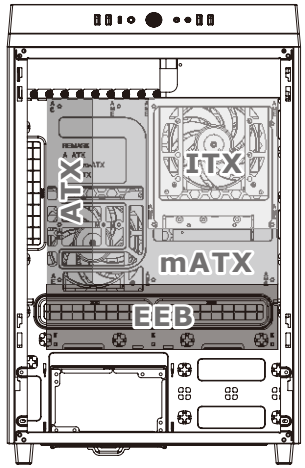


| Figure | Part Name | Q’ty | Used For |
|---|---|---|---|
|  | Screw #6-32 x 6.0 mm | 4 | Power Supply |
|  | Buzzer | 1 | Motherboard Alarm |
|  | Screw M3 x 6 mm | 45 | Motherboard<br>2.5” HDD / SSD |
|  | Stand-off #6-32 x 6.5 mm | 3 | Motherboard |
|  | NutSetter | 1 | Motherboard Stand-off Installation |
|  | Screw #6-32 x 6.0 mm | 35 | 3.5” HDD<br>AIO 360 Bracket |
|  | 3.5” HDD Rubber | 12 | 3.5” HDD |
|  | 2.5” HDD Rubber Pad | 16 | 2.5” HDD<br>SSD |
|  | Cable Ties | 20 | Cable Management |
|  | AIO Bracket | 2 | Fan / Radiator |

Chassis dimension



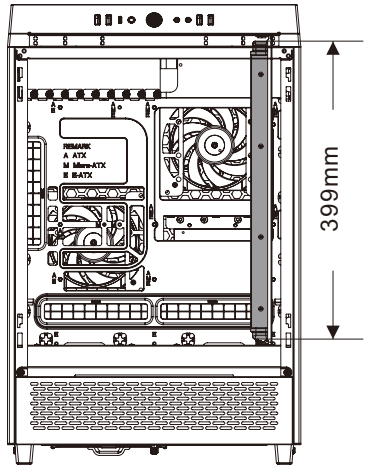

Motherboard Compatibility:
ITX / mATX / ATX / CEB / EEB (Without Power Cover)



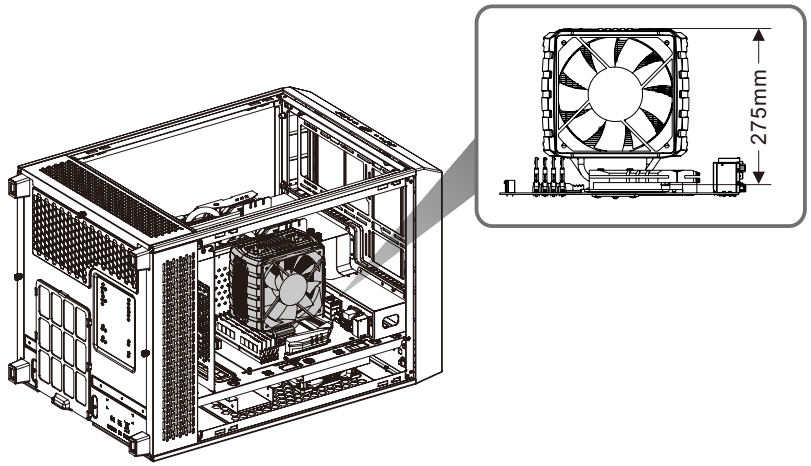




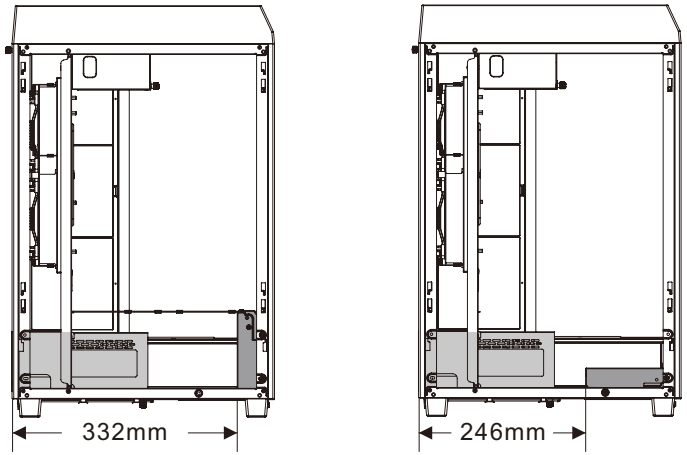

Radiator length max length: 399mm




CPU cooler max height: 275mm

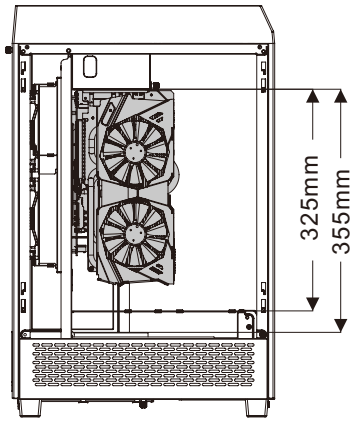


PSU length max length: 300 mm



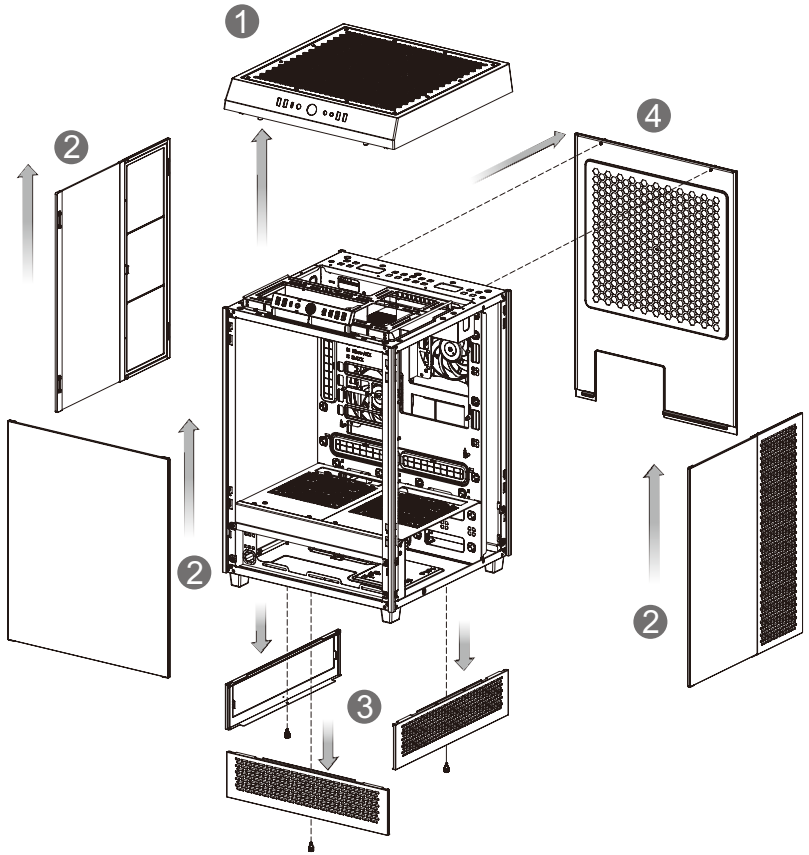

**Vertical Fan Bracket** **Horizontal Fan Bracket**

VGA length max length: 355 mm (Without Power Cover)

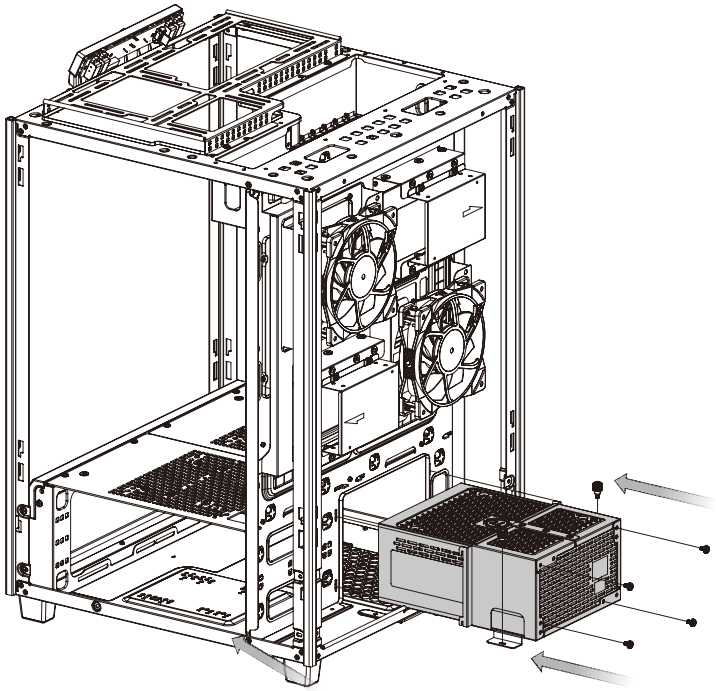






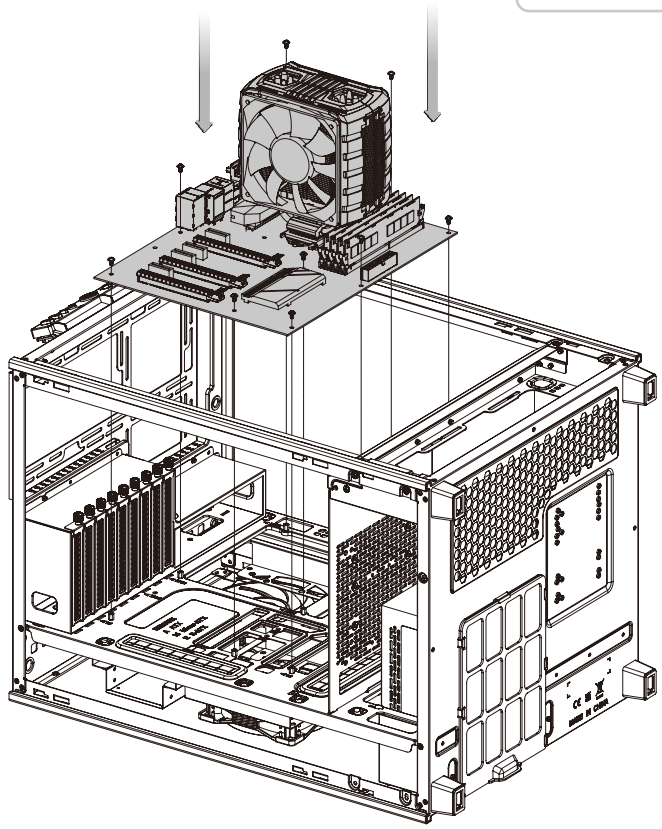

x 4

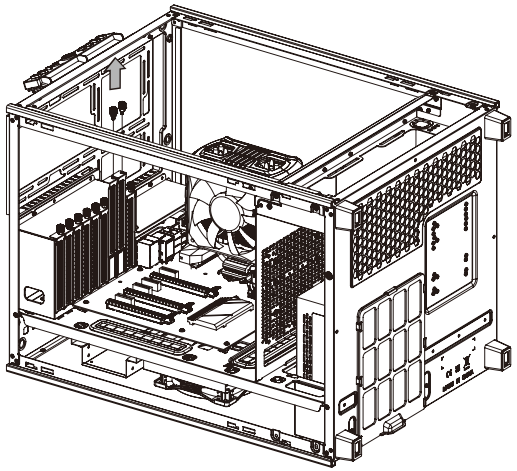


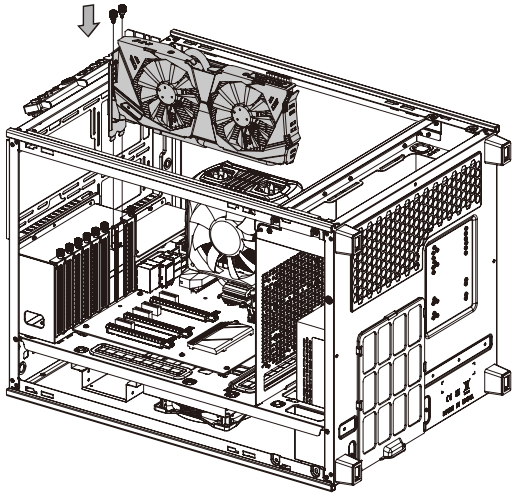





x 9



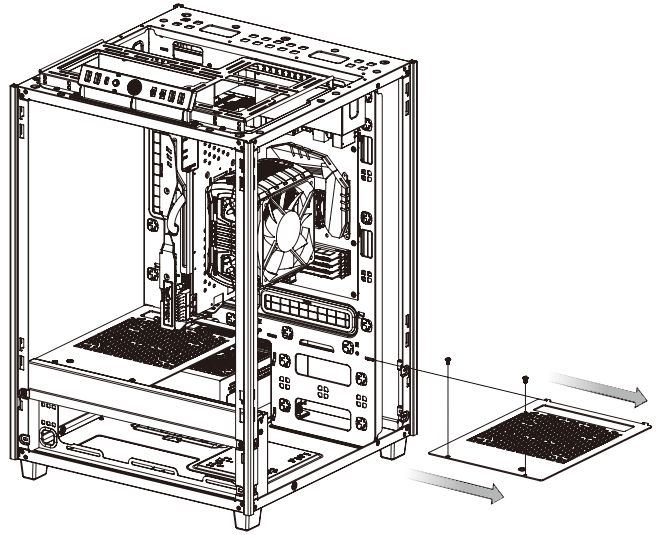






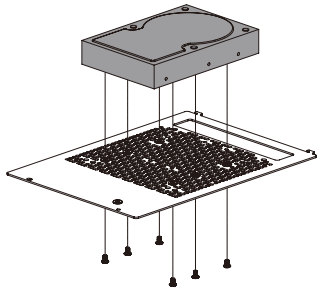


1 Front PSU Cover



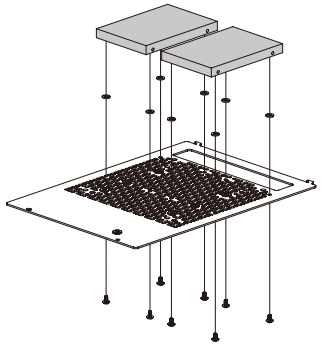
**3.5" HDD x 1**

x 4

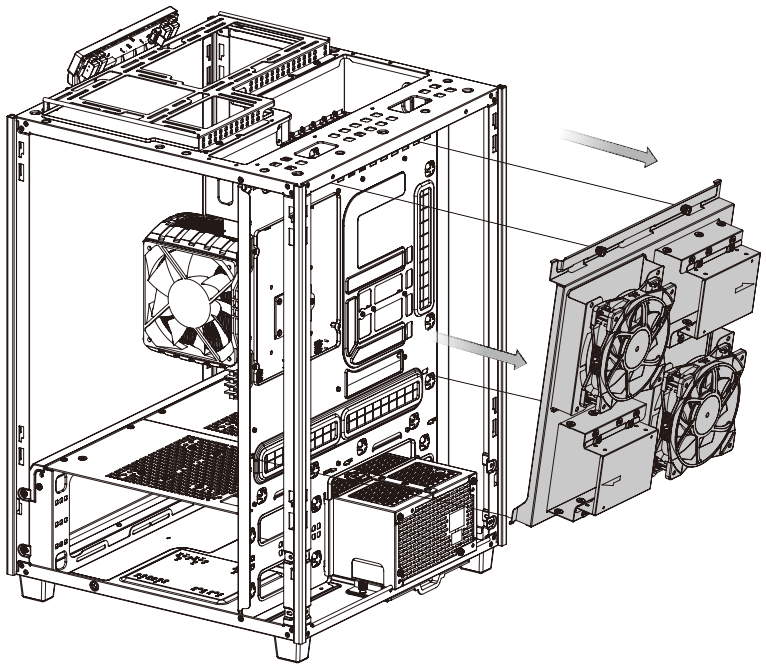


**2.5" HDD x 2**

x 4



❷ Rear Fan Bracket

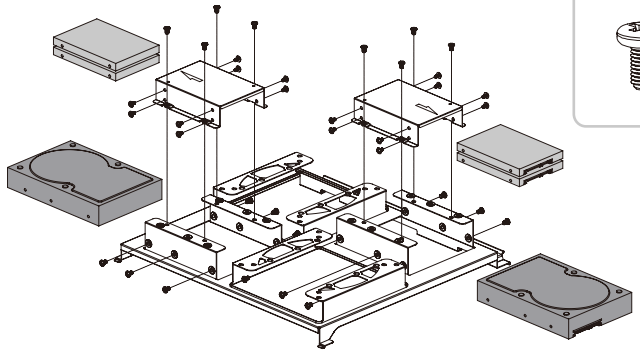






## Type A:

**3.5” HDD x 2 + 2.5” x 4**





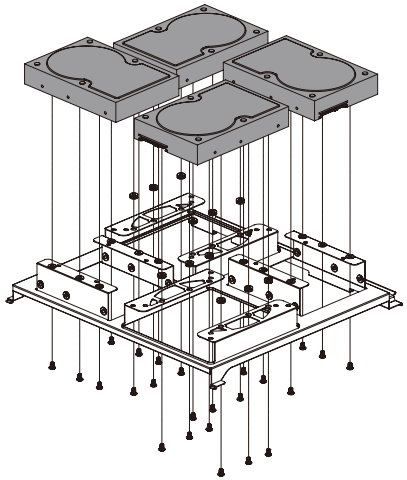
x 4



x 4

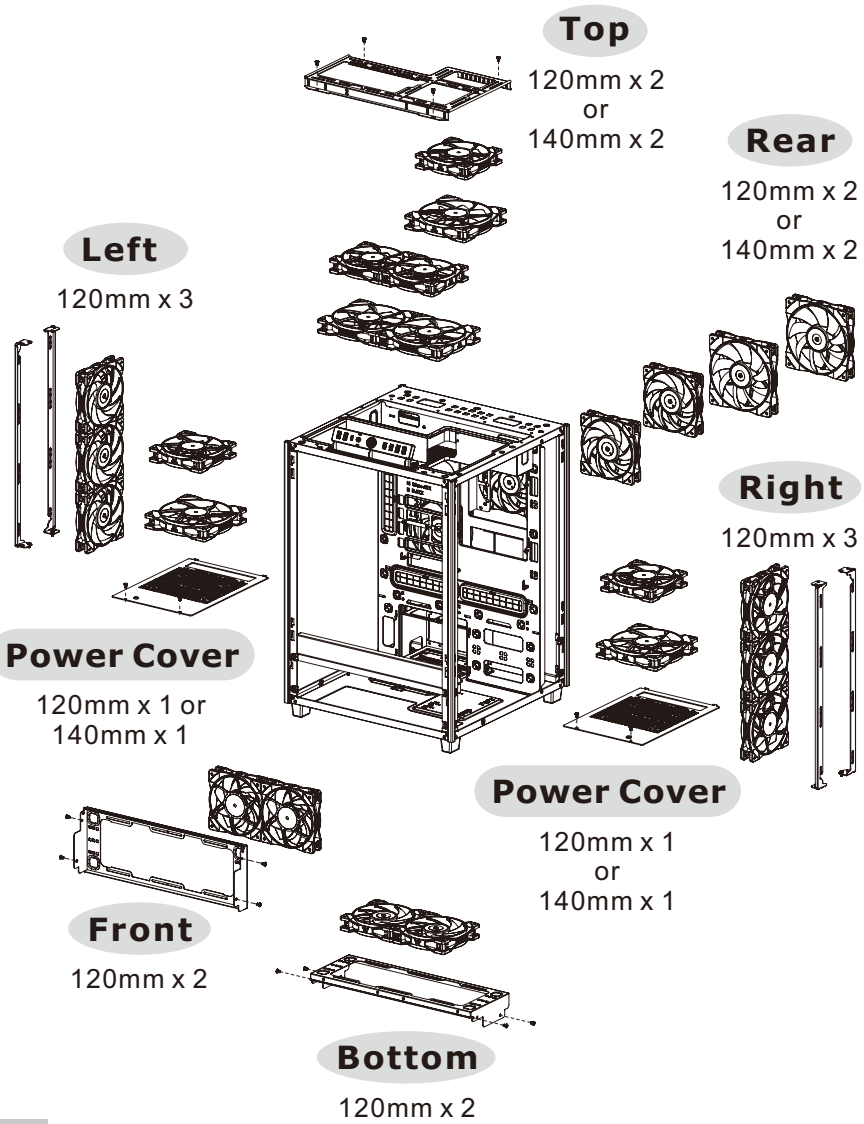
## Type B:

**3.5” HDD x 4**



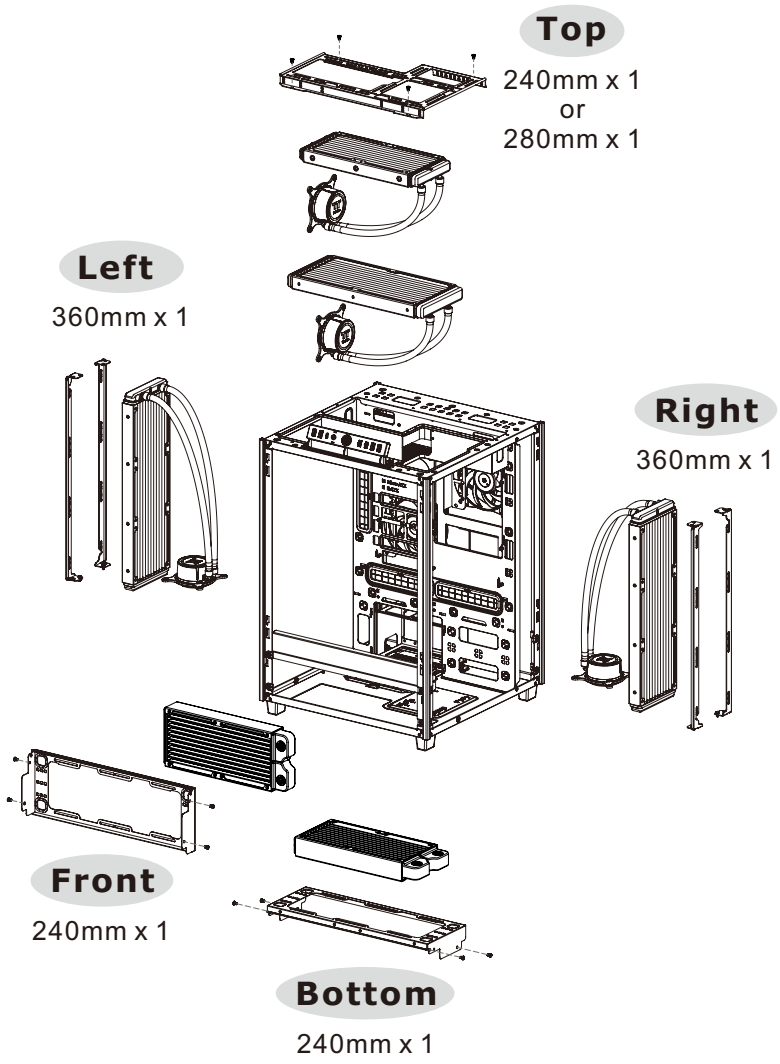


x 4

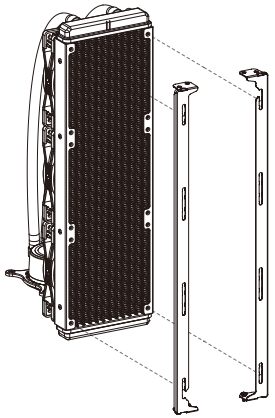

Top
120mm x 2
or
140mm x 2
Rear
120mm x 2
or
140mm x 2
Left
120mm x 3
Right
120mm x 3
Power Cover
120mm x 1 or
140mm x 1
Power Cover
120mm x 1
or
140mm x 1
Front
120mm x 2
Bottom
120mm x 2



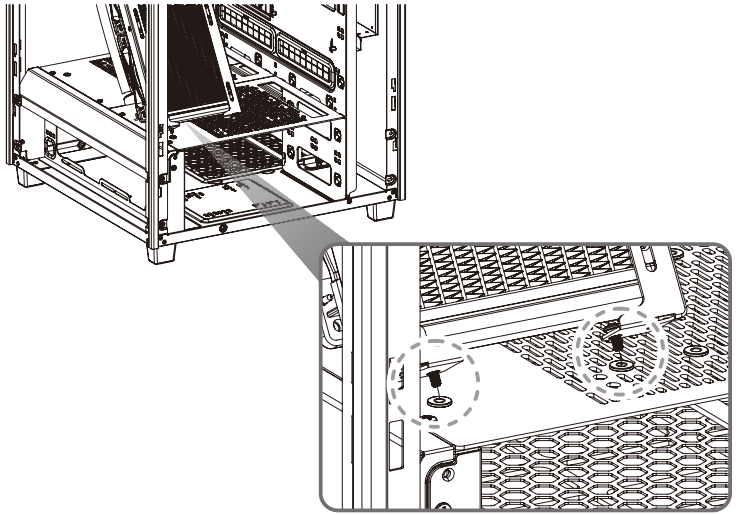



Top
240mm x 1
or
280mm x 1
Left
360mm x 1
Right
360mm x 1
Front
240mm x 1
Bottom
240mm x 1

1



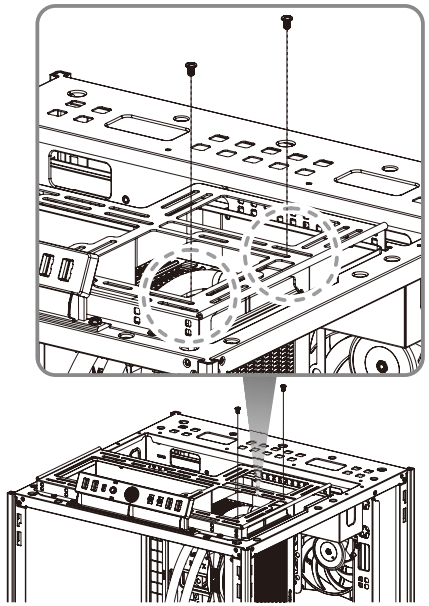
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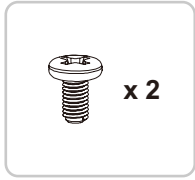




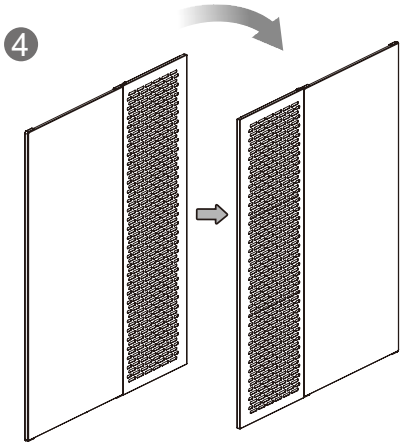


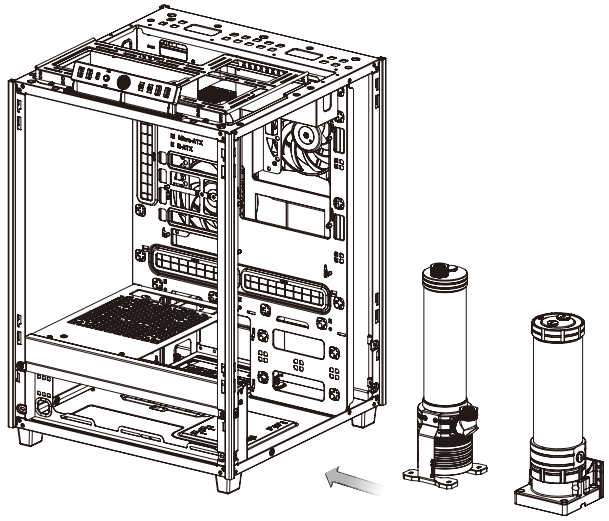
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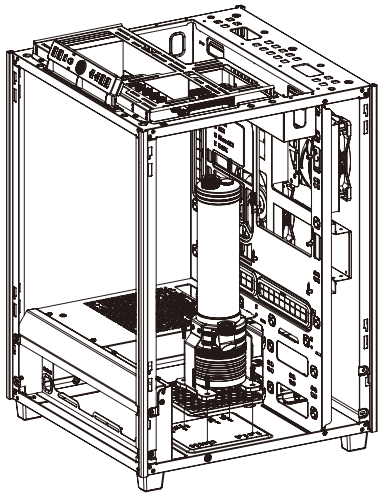

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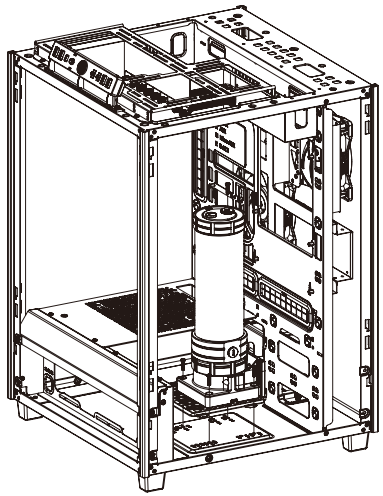




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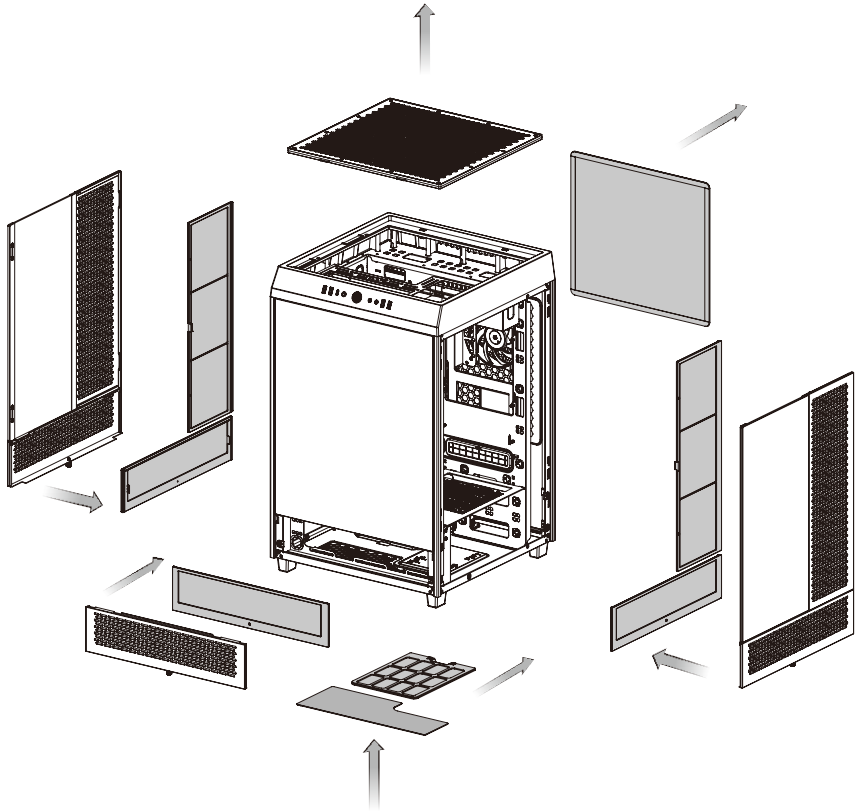
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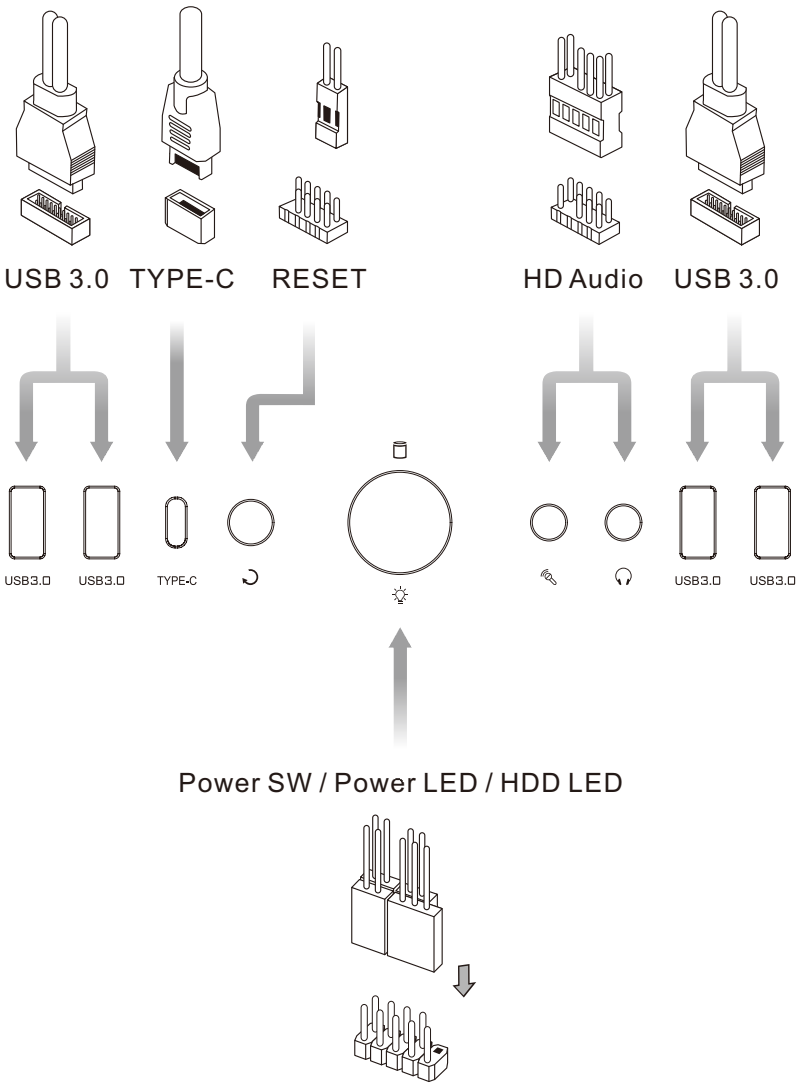











USB 3.0
TYPE-C
RESET
HD Audio
USB 3.0
USB3.0
USB3.0
TYPE-C
USB3.0
USB3.0
Power SW / Power LED / HDD LED