



## thermaltake CA-1D5-00S1WN-00 Core V21 SPCC Micro ATX Cube Computer Chassis User Manual

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**Core V21**  
**Your Build. Our Core**  
**User 's Manual**



\*Picture for reference only

\*Information in the user manual is subject to change without notice

## Contents



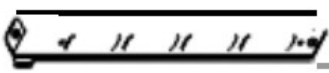










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## Specification



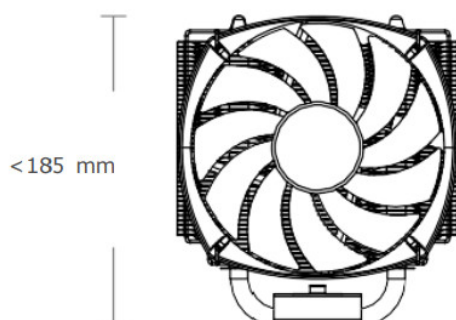
Case Type	Micro Case
Dimension (H*W*D)	336 x 320 x 424 mm (13.2 x 12.6 x 16.7 inch)
Side Panel	Transparent Window
Material	SPCC
Cooling System	Front (intake) 200 x 200 x 30 mm fan (800rpm, 13dBA)
Drive Bays -Hidden	3 x 3.5" , 3 x 2.5"
Expansion Slots	5
Motherboard	6.7" x 6.7" (Mini ITX) , 9.6" x 9.6" (Micro ATX)
I/O Port	USB 3.0 x 2, HD Audio x 1
Clearance	CPU cooler height limitation: 185mm VGA length limitation: 350mm PSU length limitation: 200mm (Without bottom fan)

## Accessory

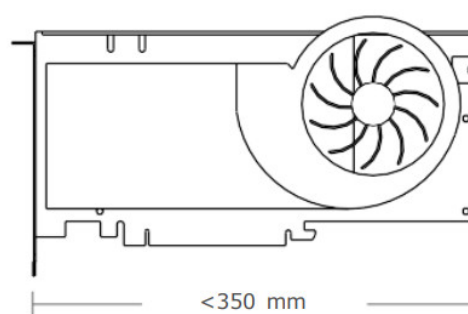
Figure	Parts Name	Qty	Used for
	Screw # 6-32 x 6 mm	4	PSU
	PSU Rubber	2	PSU (Bottom)
	FSU Bracket 1	1	FSU
	PSU Bracket 2	1	PSU
	Screw # 6-32 x 6 mm	1	PSU Bracket
	Stand-off # 6-32 x 6 mm	2	Motherboard
	Screw # 6-32 x 5 mm	9	Motherboard
	Screw M3 x 6 mm	18	2.5'HDD
	Screw 0.5 x 10 mm	12	Fan
	Cable Tie	7	Cable Management
	Screw # 6-32 x 15 mm	2	Stacking
	Flange Nut # 6-32	2	Stacking
	Stacking Gasket	2	Stacking

## Warning and Notice

CPU Cooler Height Limitation



VGA (Add-on card) Length Limitation



## Warning!

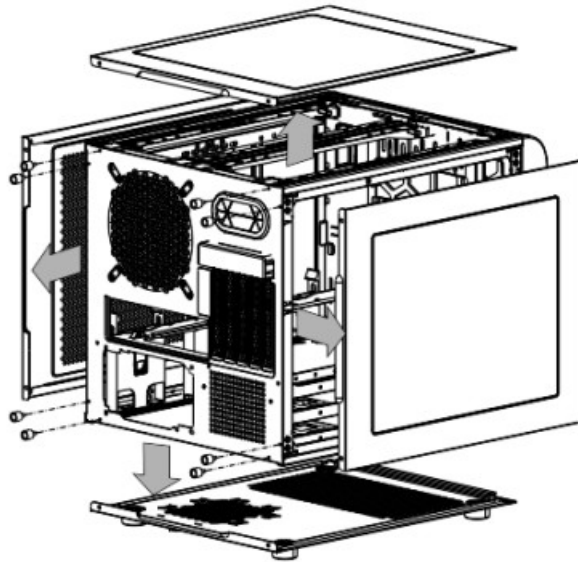
- Height limit for the CPU heatsink:

The height limit for the CPU heatsink is 185 mm (7.3 inches).

- Length limit for the VGA (graphics card):

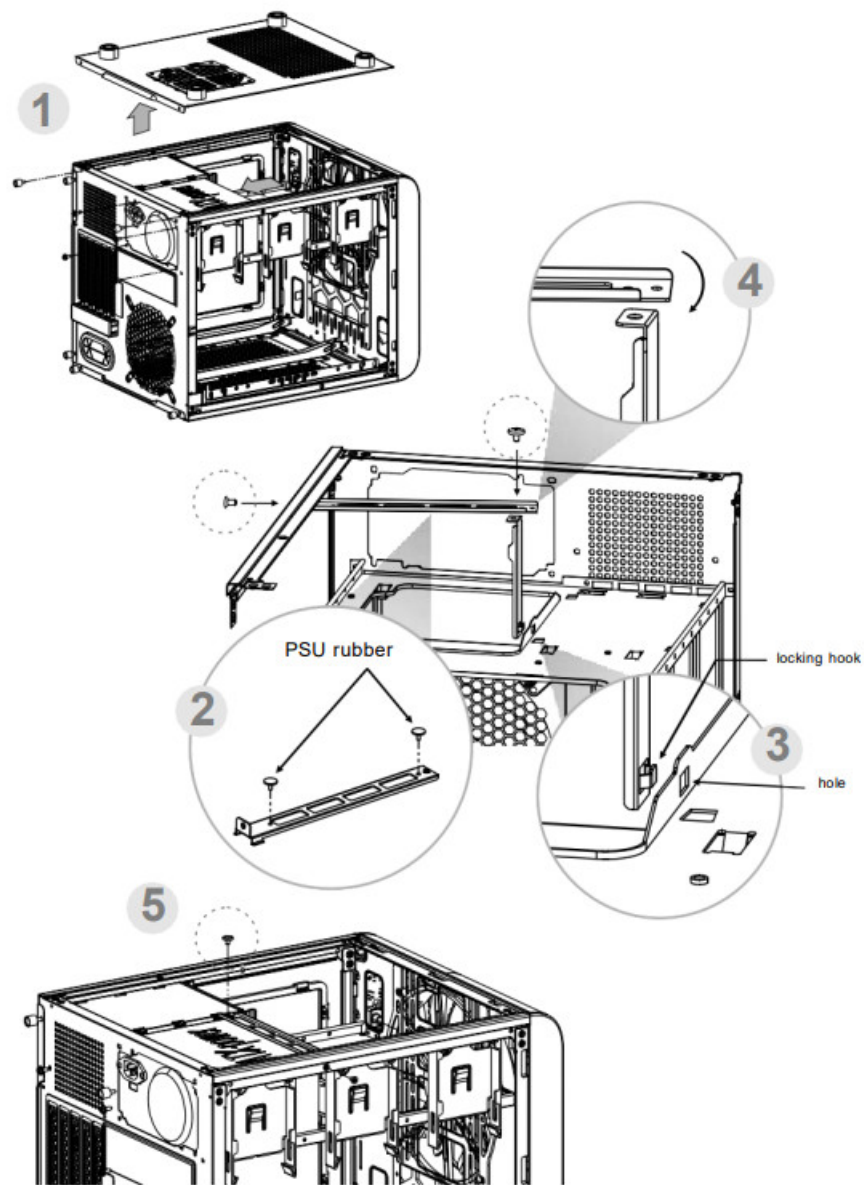
The length limit for the VGA (graphics card) is 350 mm (13.8 inches).

## Side Panel Disassembly



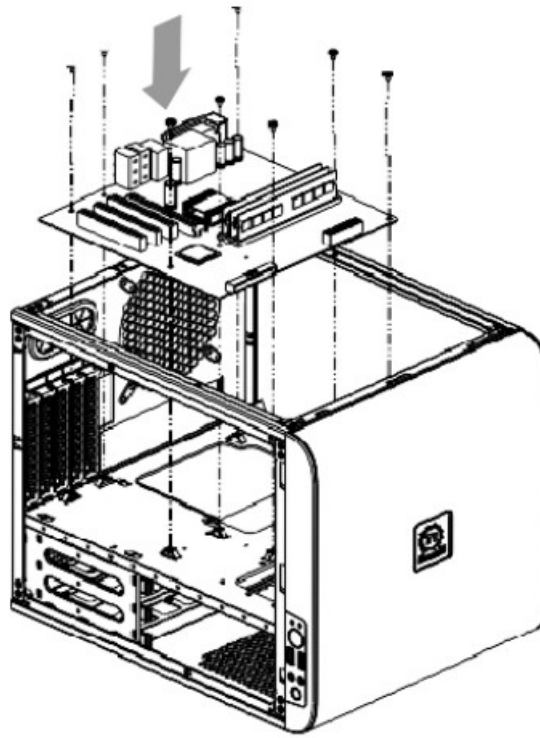
Remove the screws on the back of the chassis, and open the side panel.

## PSU Installation



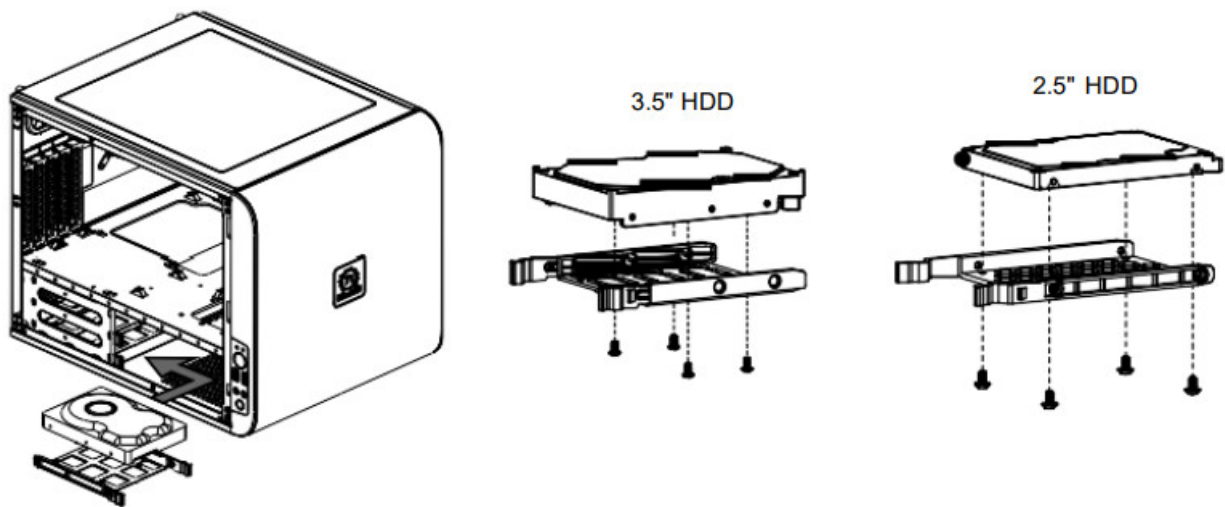
1. Place the power supply in proper location and secure it with screws.
2. Place the PSU rubber on bracket.
3. Secure bracket with the case by locking hook.
4. Install the bracket in proper location and secure it with screws.

## Motherboard Installation



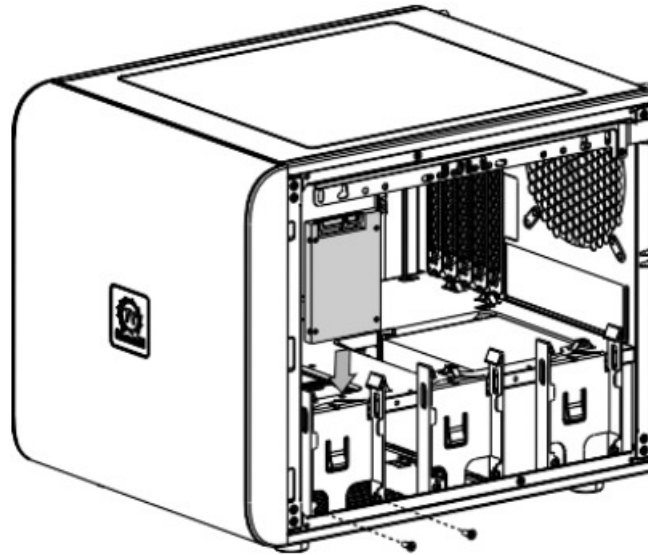
Install the motherboard in proper location and secure it with screws.

### **3.5" & 2.5" HDD Installation**



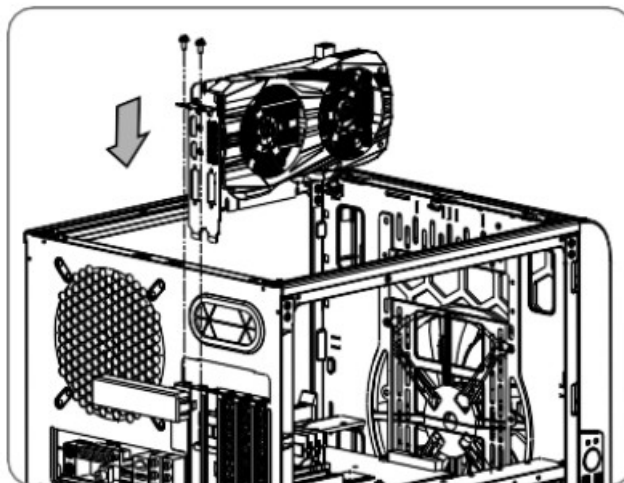
1. Pull the HDD tray out.
2. Place the 2.5" or 3.5" hard drive on the tray and secure it with screws.
3. Slide the HDD tray back to the HDD cage.

### **2.5 " HDD Installation**



Place the 2.5" HDD on proper location and secure it with screws.

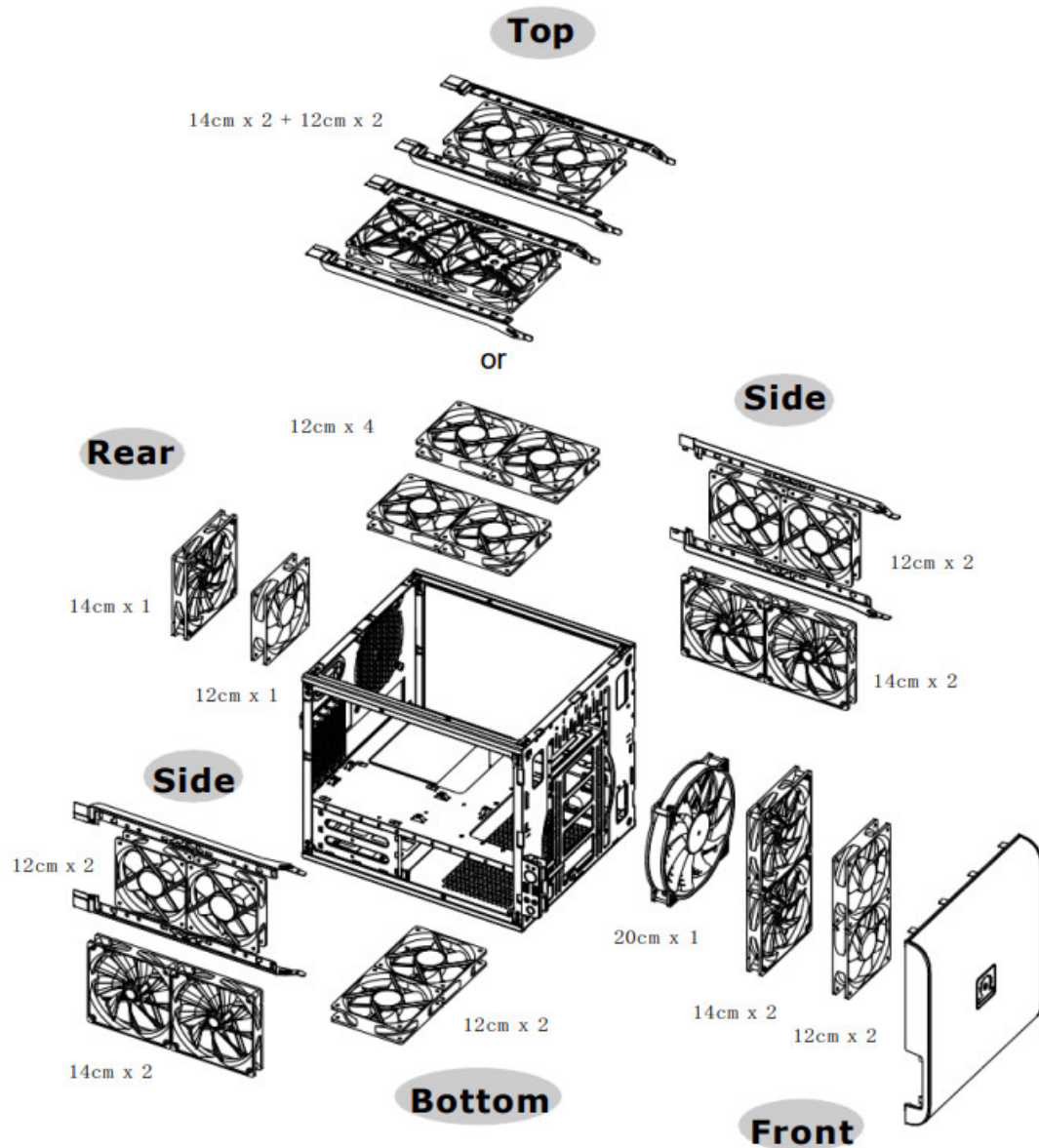
### PCI Slot Usage



1. Loosen the screws with a screwdriver.
2. Install the PCI card in proper location and secure it with screws.

### Air Cooling Installation





### Fan Support:

#### Front:

1 x 120mm or 2 x 120mm  
 1 x 140mm or 2 x 140mm  
 1 x 200mm

#### Top:

1 x 120mm or 2 x 120mm or 3 x 120mm or 4 x 120mm  
 1 x 140mm or 2 x 140mm

#### Rear:

1 x 120mm  
 1 x 140mm

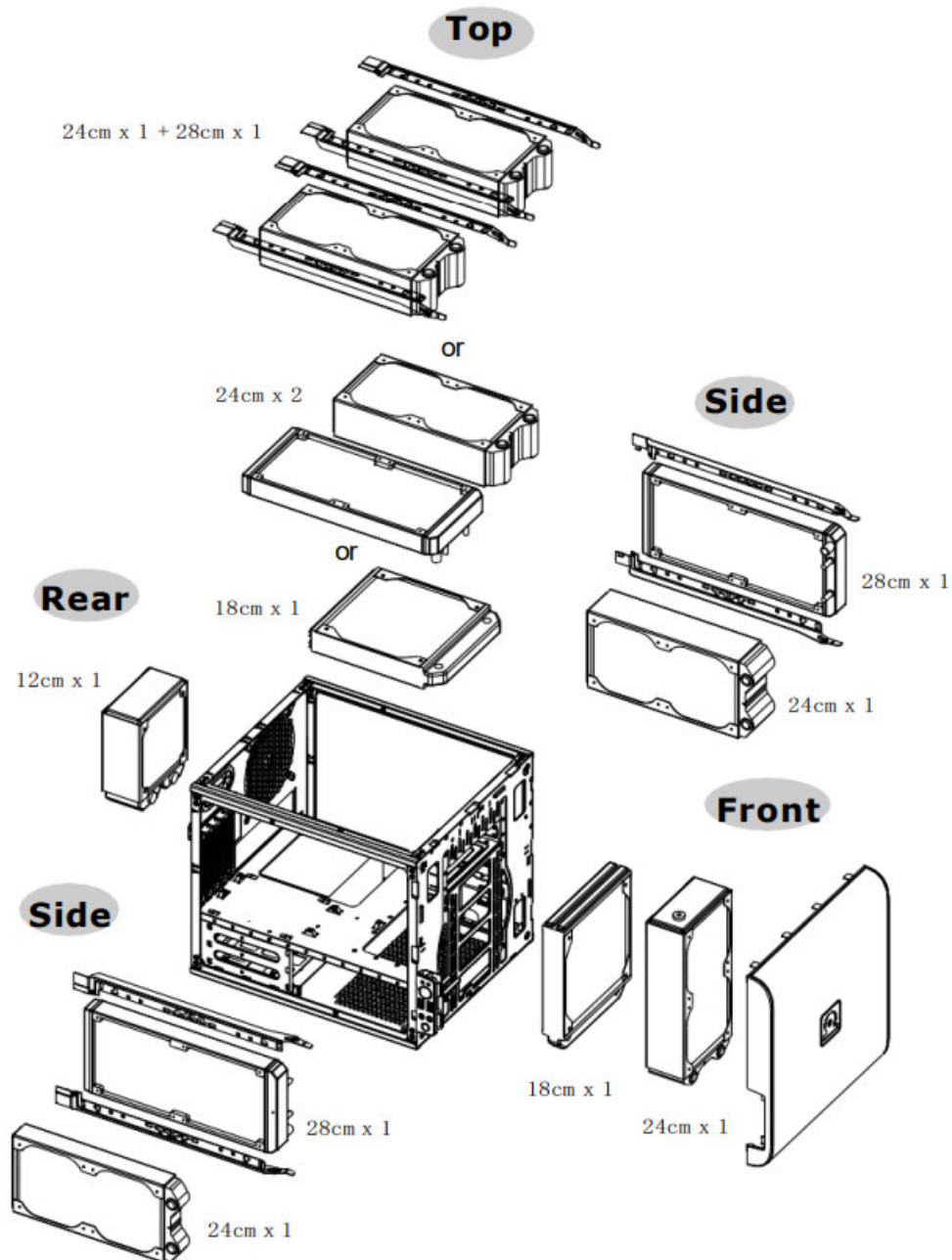
#### Bottom:

1 x 120mm or 2 x 120mm

#### Left / Right Side:

1 x 120mm or 2 x 120mm  
 1 x 140mm or 2 x 140mm

### Liquid Cooling Installation



### Radiator Support:

#### Front:

1 x 120mm or 1 x 240mm  
1 x 140mm

#### Top:

2 x 120mm or 2 x 240mm  
1 x 140mm or 1 x 280mm

#### Rear:

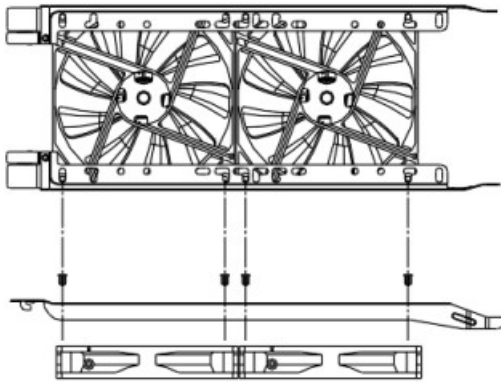
1 x 120mm

#### Left / Right Side:

1 x 120mm or 1 x 240mm  
1 x 140mm or 1 x 280mm

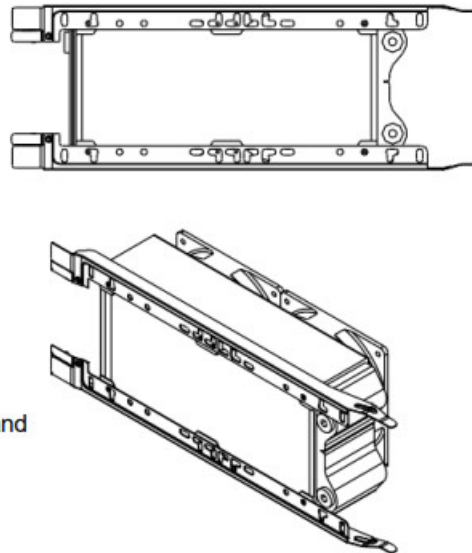
### Bracket Installation

### For Air Cooling



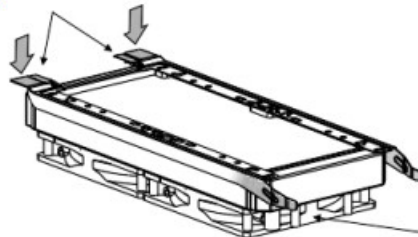
Mount the fans and radiators on bracket and secure it with screws.

### For Liquid Cooling



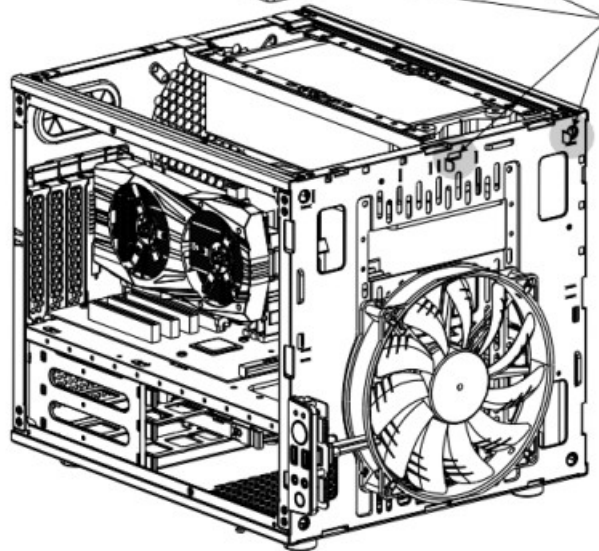
Secure the bracket by locking clip

2

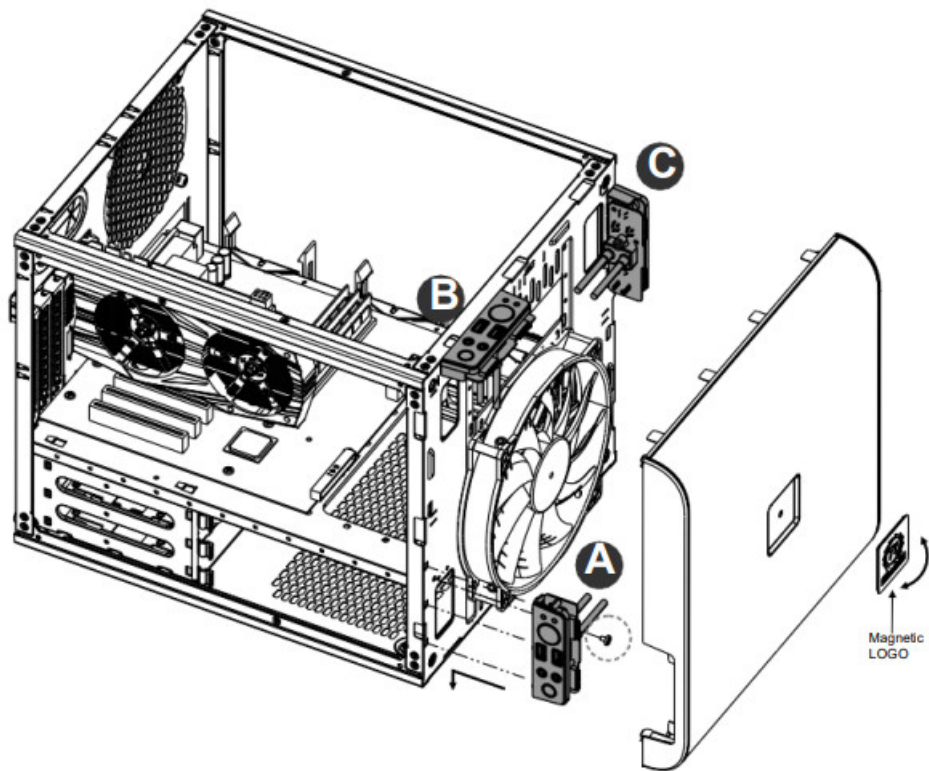


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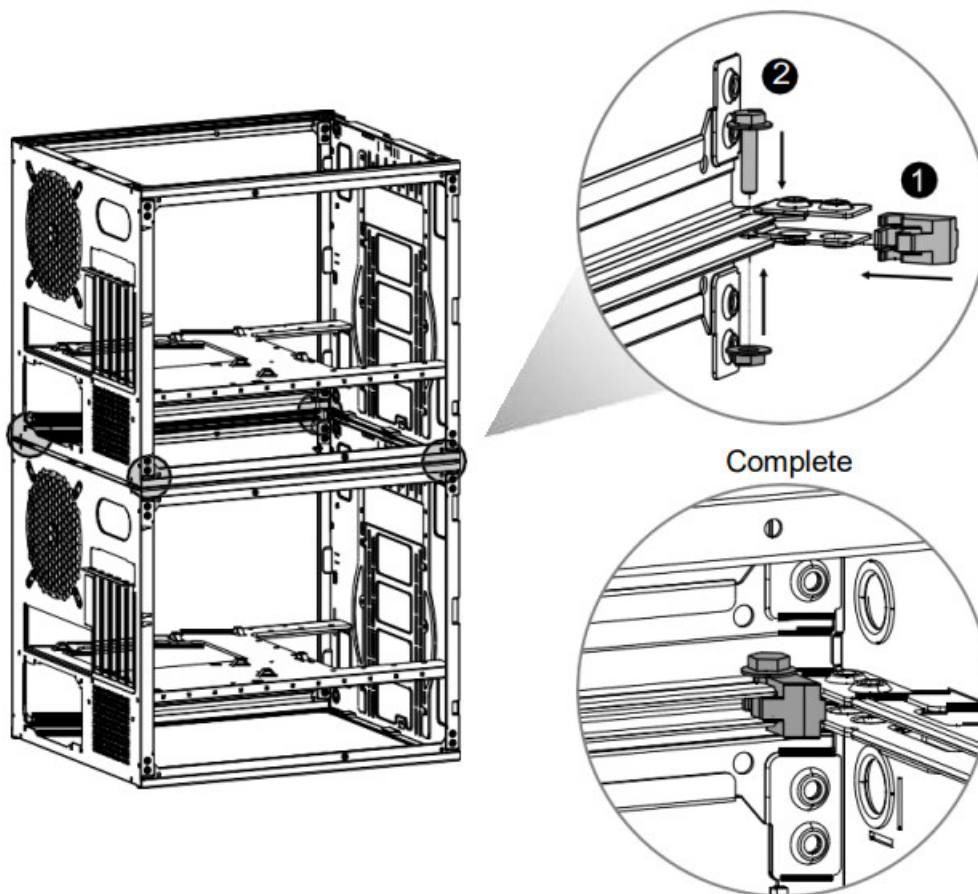
Install the bracket in proper location



## I/O Panel Placement Guide



## Stacking Installation



Note:.....

## Leads Installation

### Leads Installation Guide

Case LED Connection / On the front of the case, you can find some LEDs and switch leads. Please consult your



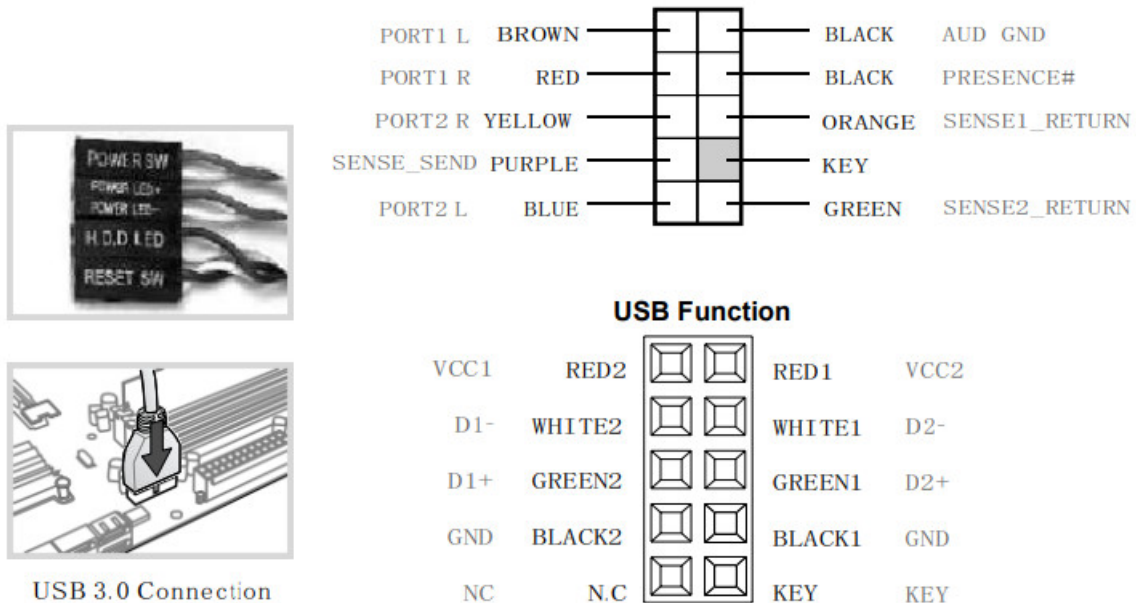
user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard.

#### USB 3.0 connection /

1. Make sure your motherboard supports USB 3.0 connection.
2. Connect the USB 3.0 cable to the available USB 3.0 port on your computer.

Audio Connection / Please refer to the following illustration of Audio connector and your motherboard user manual.

Please select the motherboard which used AC'97 or HD Audio(Azalia),(be aware of that your audio supports AC'97 or HD Audio (Azalia)) or it will damage your device(s).



#### Thermaltake Power Supply Series (Optional)



As today's technology updates rapidly, consumers are always requesting for higher and higher PC performance, which also increases loads to power supplies. Therefore, selecting a suitable and reliable power supply becomes a necessary lesson for all PC users.

#### Why Choose Thermaltake Power Supply?

##### Quality From Within

Every power supply units from Thermaltake should pass a very strict quality control before sent to customers, including BIT(Burn-in-test) for over 8 continuous hour in a 45°C room to test if a unit can run normally under usual scene, and Hipot test to ensure the power supply unit can survive and protect both users and their systems when the voltage volume surges.

##### Less is more

In order to prevent wasted energy, all of Thermaltake's products should have at least 80% of transforming efficiency, and we're also one of the manufacturers that have the most 80 PLUS certificates. Because Thermaltake knows how to save for the earth and customers; we know what makes less to be more.

##### Being Supportive By All Means

A product with better quality can have longer life and working hours but less pollution. Thermaltake obeys and

respects all environmental clauses in all countries and make sure all of our products are both user and environmental-friendly. Therefore we show our supports by giving 2 to 7-year warranties, which is not only a quality commitment to the users, but also love to this planet by reducing resources and wastes.



Thermaltake has several power supply product lines; please refer to our official website and Facebook Fan Page for more detail information!

**Brand official website:** <http://www.thermaltake.com/>

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

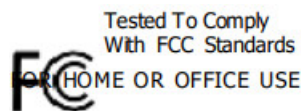
**Taiwan Facebook:** <https://www.facebook.com/ThermaltakeTW>




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[www.thermaltake.com](http://www.thermaltake.com)



## Documents / Resources

	<p><a href="#">thermaltake CA-1D5-00S1WN-00 Core V21 SPCC Micro ATX Cube Computer Chassis</a> [pdf] ] User Manual CA-1D5-00S1WN-00 Core V21 SPCC Micro ATX Cube Computer Chassis, CA-1D5-00S1WN-00, Core V21 SPCC Micro ATX Cube Computer Chassis, SPCC Micro ATX Cube Computer Chassis, ATX Cube Computer Chassis, Cube Computer Chassis, Computer Chassis, Chassis</p>
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## References

-  [Thermaltake](#)
-  [Thermaltake](#)
- [User Manual](#)