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Thermaltake Core V1 Tower Box User Manual

Core V1
Your Build. Our Core
User Manual

*Picture for reference only
*Information in the user manual is subject to change without notice

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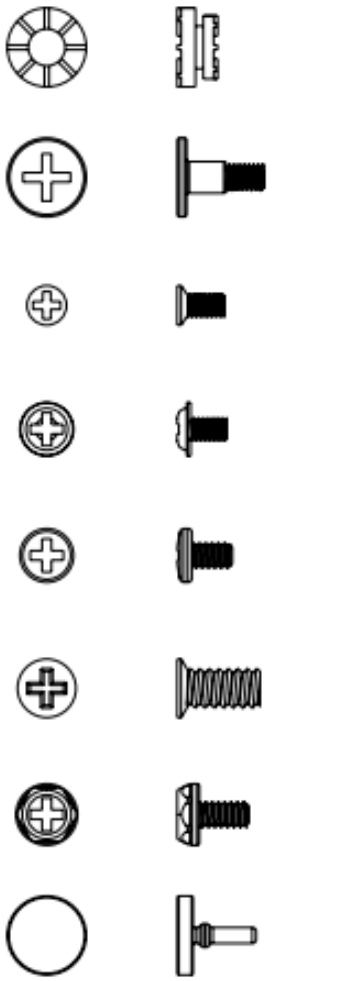
Specification

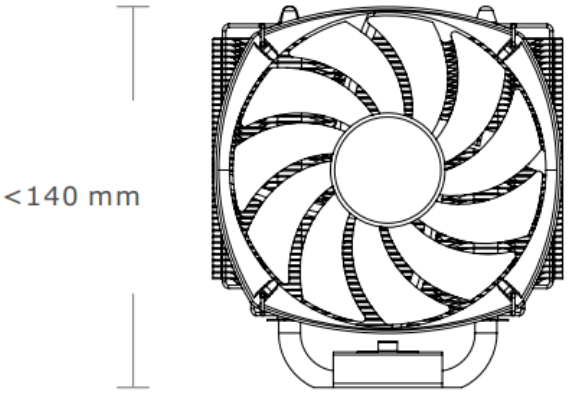
Model	Core V1
Case Type	Mini Case
Dimension (H*W*D)	276 x 260 x 316 mm (10.9 x 10.2 x 12.4 inch)
Material	SPCC
Drive Bays -Hidden	2 x 3.5” , 2 x 2.5”
Expansion Slots	2
Motherboard	6.7” x 6.7” (Mini ITX)
I/O Port	USB 3.0 x 2, HD Audio x 1
Cooling System	Front (intake) : 200 x 200 x 30 mm fan (800rpm, 13dBA)
Fan Support	Front: 1 x 120mm or 1 x 140mm or 1 x 200mm Rear: 2 x 80mm
Radiator Support	Front : 1 x 120mm or 1 x 140mm
Clearance	CPU cooler height limitation: 140mm VGA length limitation: 255mm (Inner chassis) 285mm (Outer chassis) PSU length limitation: 200mm

Accessory

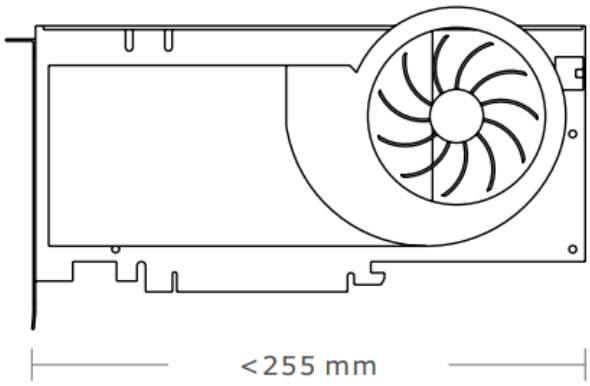
Figure	Parts Name	Q’ty	Used for
	3.5” HDD Rubber	8	3.5″HDD
	Screw # 6-32 x 11 mm	8	3.5″HDD
	Screw M3 x 6 mm	8	2.5″HDD (Bottom)
	Screw M3 x 7 mm	4	2.5″HDD (Side)
	Screw # 6-32 x 5 mm	4	Motherboard
	Screw Ø 5 x 10 mm	12	Fan
	Screw # 6-32 x 6 mm	4	PSU
	PSU Rubber	2	PSU (Bottom)
	Cable Tie	4	Cable Management

Warning and Notice

CPU Cooler Height Limitation

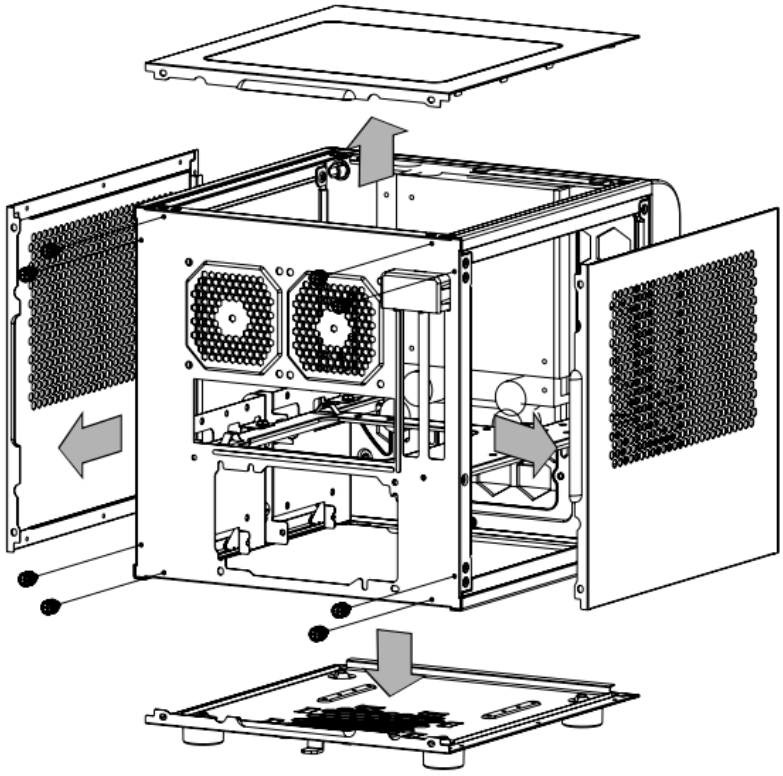


VGA（Add-on card）Length Limitation



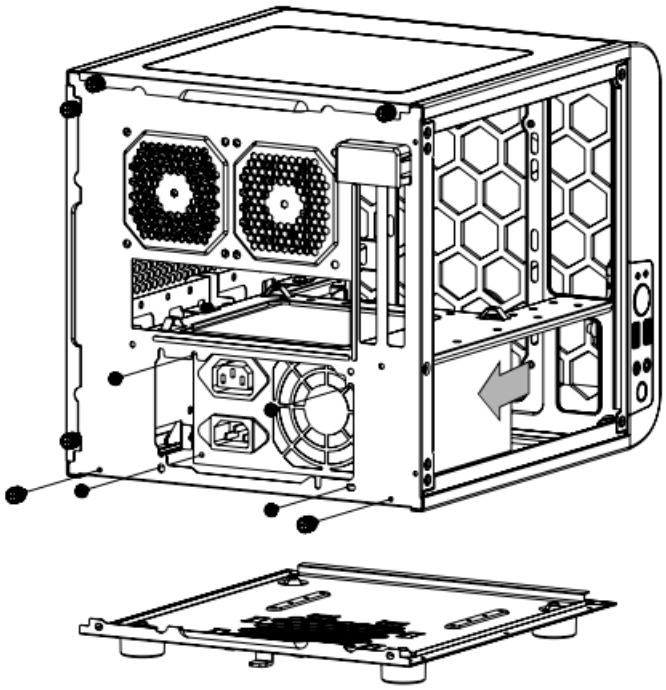
Warning!!
– Height limit for the CPU heatsink:
The height limit for the CPU heatsink is 140 mm (5.5 inches).
– Length limit for the VGA (graphics card):
The length limit for the VGA (graphics card) is 255 mm (10 inches).

Side Panel Disassembly



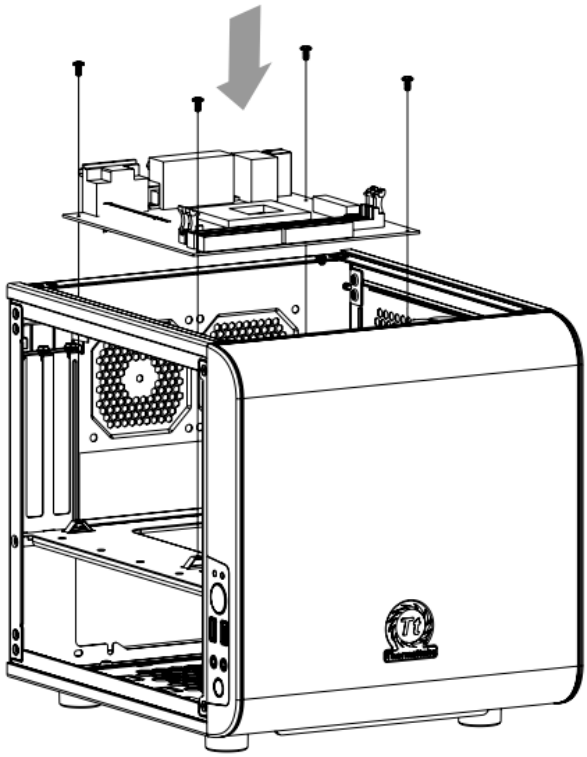
Remove the screws on the back of the chassis, and open the side panel.

PSU Installation



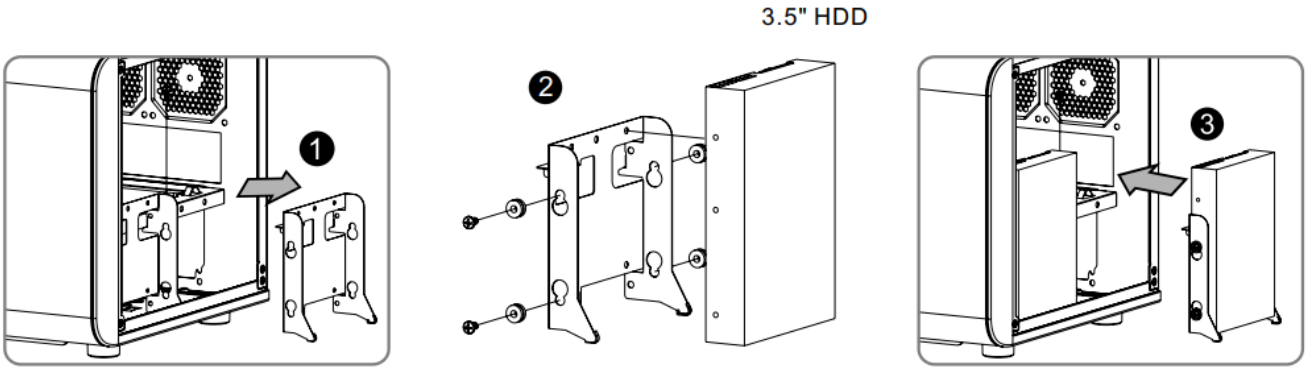
Place the power supply in the proper location and secure it with screws.

Motherboard Installation



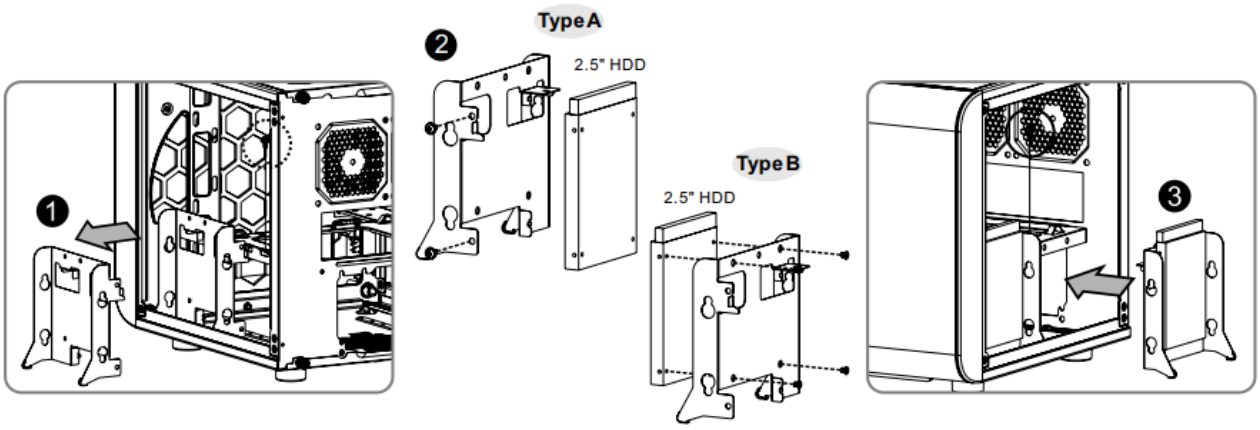
Install the motherboard in the proper location and secure it with screws.

3.5” HDD Installation



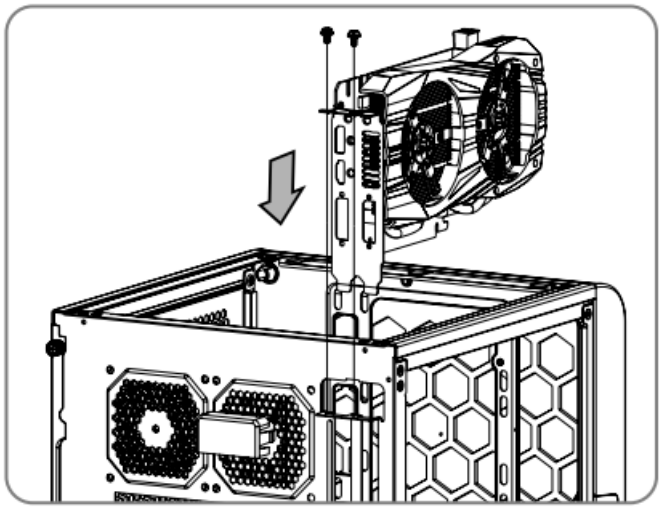
1. Pull the HDD tray out.
2. Place the 3.5” HDD in the proper location and secure it with screws.
3. Slide the HDD tray back to the HDD cage.

2.5″ HDD Installation



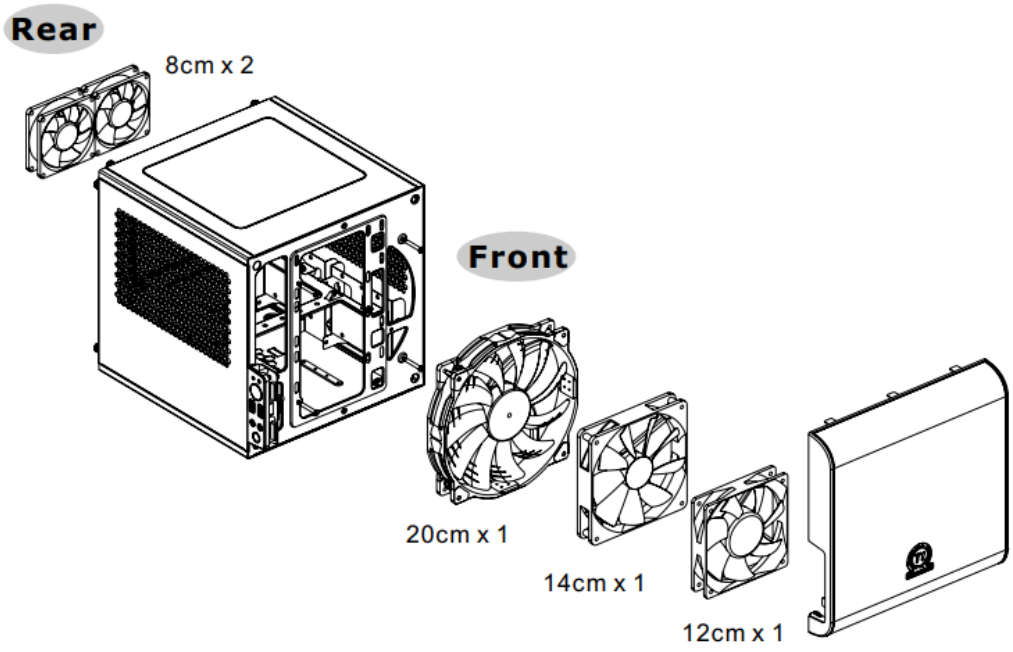
1. Pull the HDD tray out.
2. Place the 2.5” HDD in the proper location and secure it with screws.
3. Slide the HDD tray back to the HDD cage.

PCI Slot Usage

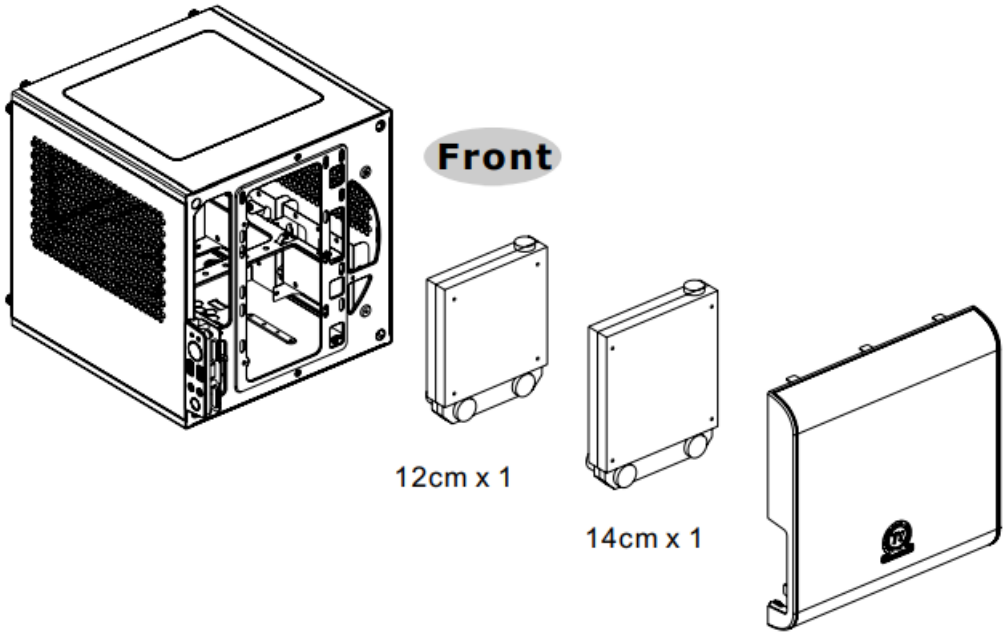


1. Loosen the screws with a screwdriver.
2. Install the PCI card in the proper location and secure it with screws.

Air Cooling Installation



Liquid Cooling Installation



Leads Installation

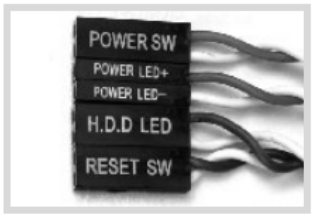
Leads Installation Guide

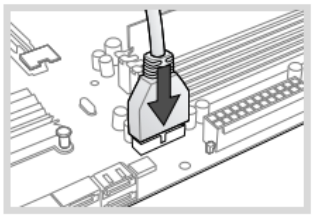
Case LED Connection / On the front of the case, you can find some LEDs and switch leads. Please consult the user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard.

USB 3.0 connection

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

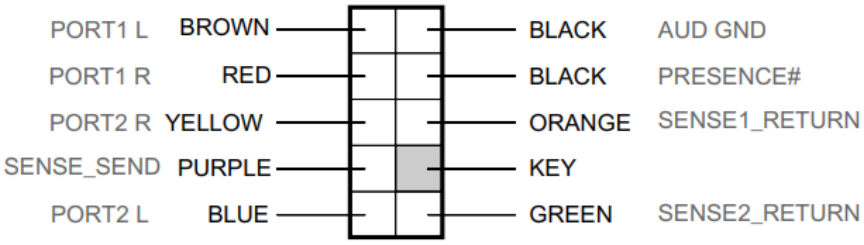
Audio Connection / Please refer to the following illustration of the Audio connector and your motherboard user manual.
Please select the motherboard which used AC'97 or HD Audio(Azalia),(be aware of that your audio supports AC'97 or HD Audio (Azalia)) or it will damage your device(s).



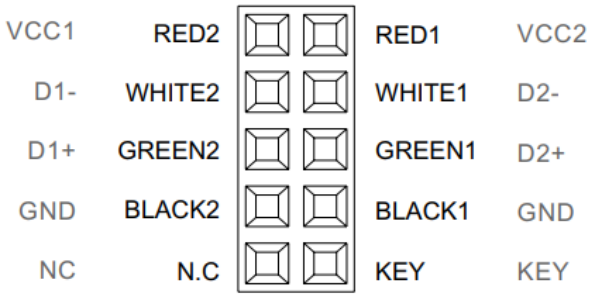


USB 3.0 Connection

AUDIO HD AUDIO Function



USB Function



Thermaltake Power Supply Series (Optional)

As today's technology updates rapidly, consumers are always requesting 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 unit from Thermaltake should pass very strict quality control before being sent to customers, including BIT(Burn-in-test) for over 8 continuous hours 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% 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 a longer life and working hours but less pollution. Thermaltake obeys and respects all environmental clauses in all countries and makes sure all of our products are both user and environmental-friendly. Therefore we show our support by giving 2 to7-year warranties, which is not only a quality commitment to the users but also love to this planet by reducing resources and waste.

Thermaltake has several power supply product lines; please refer to our official website and Facebook Fan Page for more detailed information!
Brand official website: **http://www.thermaltake.com/**
Global Facebook : **https://www.facebook.com/ThermaltakeInc**
Taiwan Facebook **https://www.facebook.com/ThermaltakeTW**

Thermaltake
COOLall YOUR LIFE

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Tested To Comply With FCC Standards FOR HOME OR OFFICE USE
RoHS COMPLIANT

Documents / Resources

	Thermaltake Core V1 Tower Box [pdf] User Manual Core V1 Tower Box, Core V1, Tower Box

References

- Thermaltake
- Thermaltake

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