PERFECT
HOMETHEATER

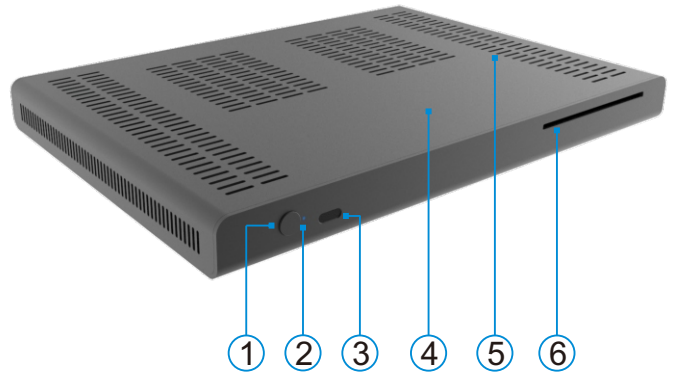T-ITX-5/6

index

T-ITX-5/6

Thank you for purchasing this Perfecthometheater Product, We recommend that you read this user guide thoroughly before Installation.

For More information or support that are not covered in this user guide, you can ask for help through our website :shop.perfecthometheater.com
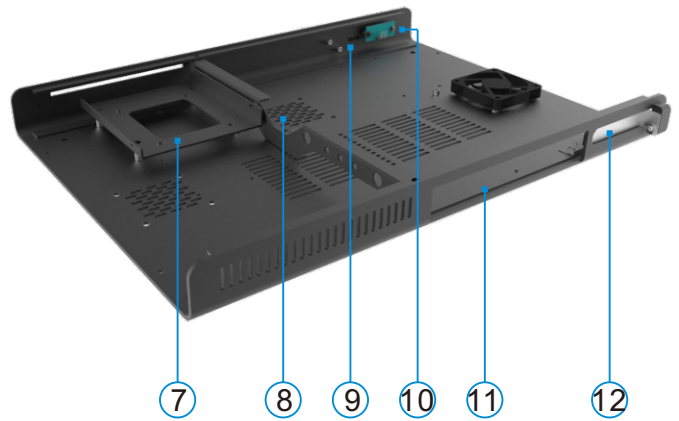
Please enjoy using our product!

Key Features

1 Power Button
2 Power LED
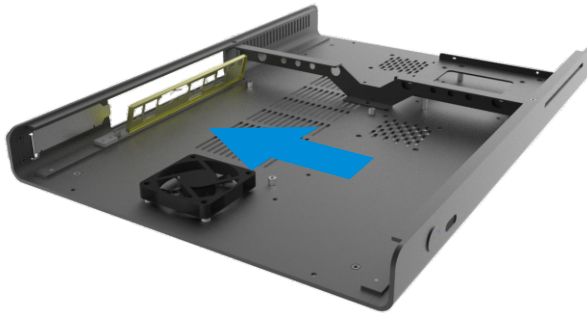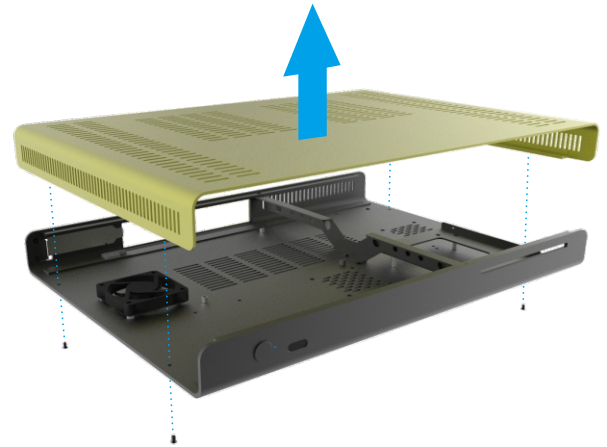3 IR Receiver Window
4 Top Panel
5 Air Vents
6 ODD Loading Slot

 7 ODD Cage
 8 60*10mm Fan
 9 IR Receive Windows
10 Power PCB
11 I/O Shield Slot
12 PCI Expansion Slot（Half-Height）

Removing the Top Panel

The top panel is held in place with 4 screws. All of which are accessible from the under side of the chassis. Remove these screws and then lift the top panel upwards and away from the chassis.
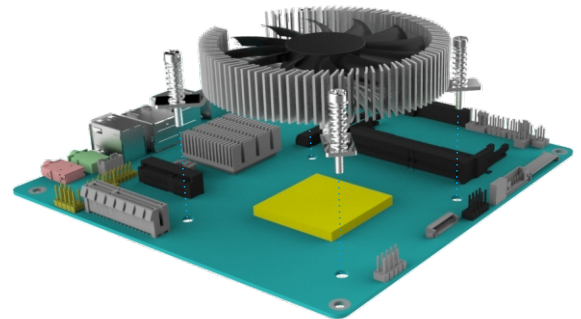
Installing the I/O Shield

Locate the I/O shield that is supplied with your motherboard and firmly push it in place. Ensure that it clicks in place fully otherwise the motherboard will be difficult to fit.
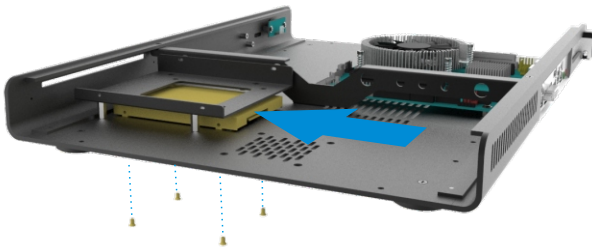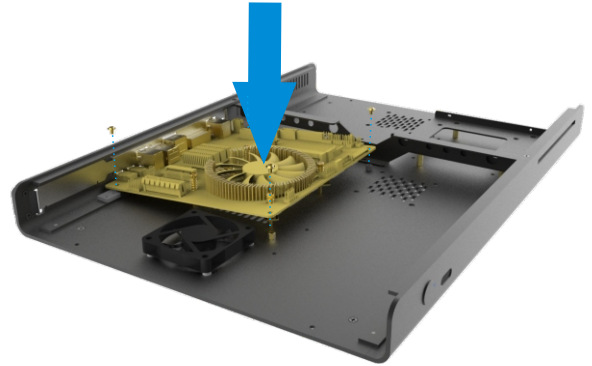
Prepare the Motherboard

Assemble the motherboard by installing RAM, m-SATA SSD, (recommended) CPU and CPU Cooler. When choosing a CPU Cooler for T-ITX5/6, It is important to purchase a low profile Cooler that will not interfere with the top panel. In general, the CPU cooler height should be less than 24mm. Always take the proper precautions when handling these sensitive components.

Installing Motherboard

With motherboard still on the table, connect monitor, keyboard, mouse and power. Check if system works. Set up BIOS, and check CPU temperature. If everything is OK, you can install OS or just go to next step.

Put the motherboard into chassis, sliding it carefully into openings in I/O shield. Then use provided screws to secure motherboard in place.
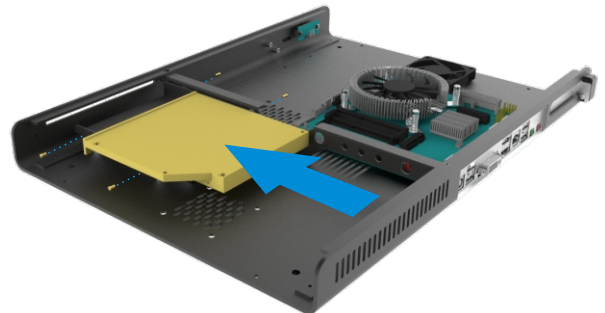
Installing 2.5" HDD

Install SSD or 2.5" HDDs upside down on the bracket or straight on the floor using 4 supplied screws M3X5.
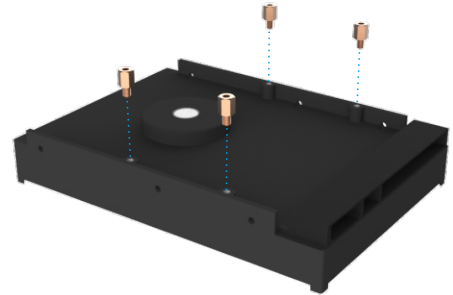
Installing slim slot ODD

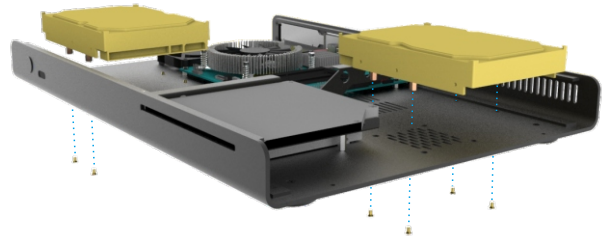Install ODD on the bracket with 4 supplied screws M2X4.
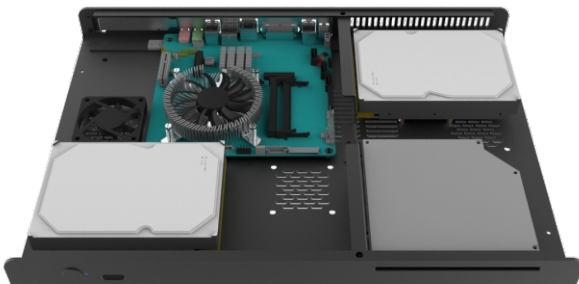
Installing HDDs

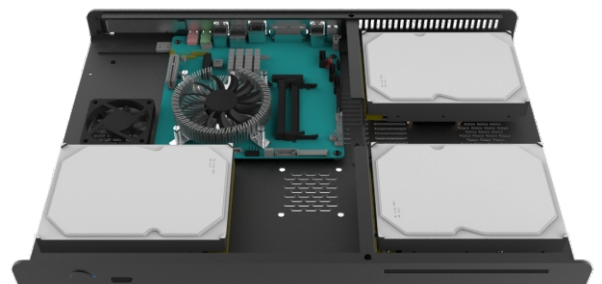Before installing HDD Drives, put four supplied posts into HDD.

Now, connect SATA and power cables to HDD and fasten it to chassis floor in one of two provided places by supplied M3X5 screws. (Option 1).

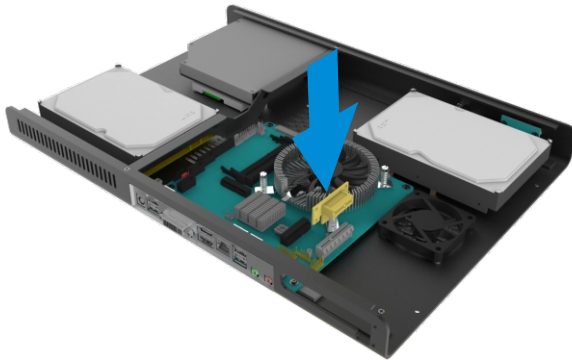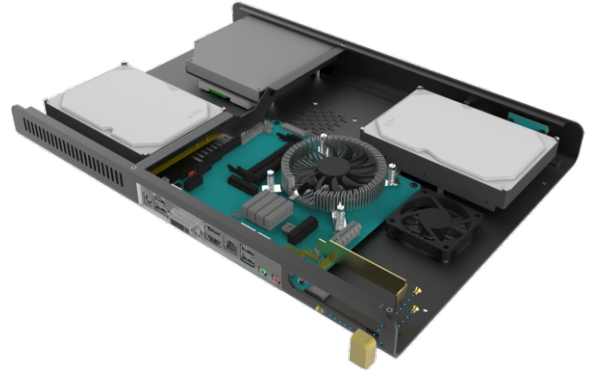You can install third HDD in the chassis if you remove bracket for ODD and 2.5" SSD/HDD (Option 2).
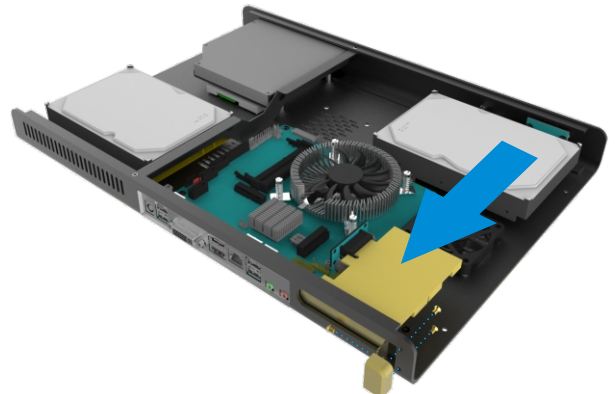

Option 1

Option 2

Installing PCI Card

To install an expansion card, first remove the pre-installed PCI blanking plate by removing the single lower screw. The PCI mount should also be removed to make it easier to install the expansion card. This is done by removing the 2 screws back of the mount.
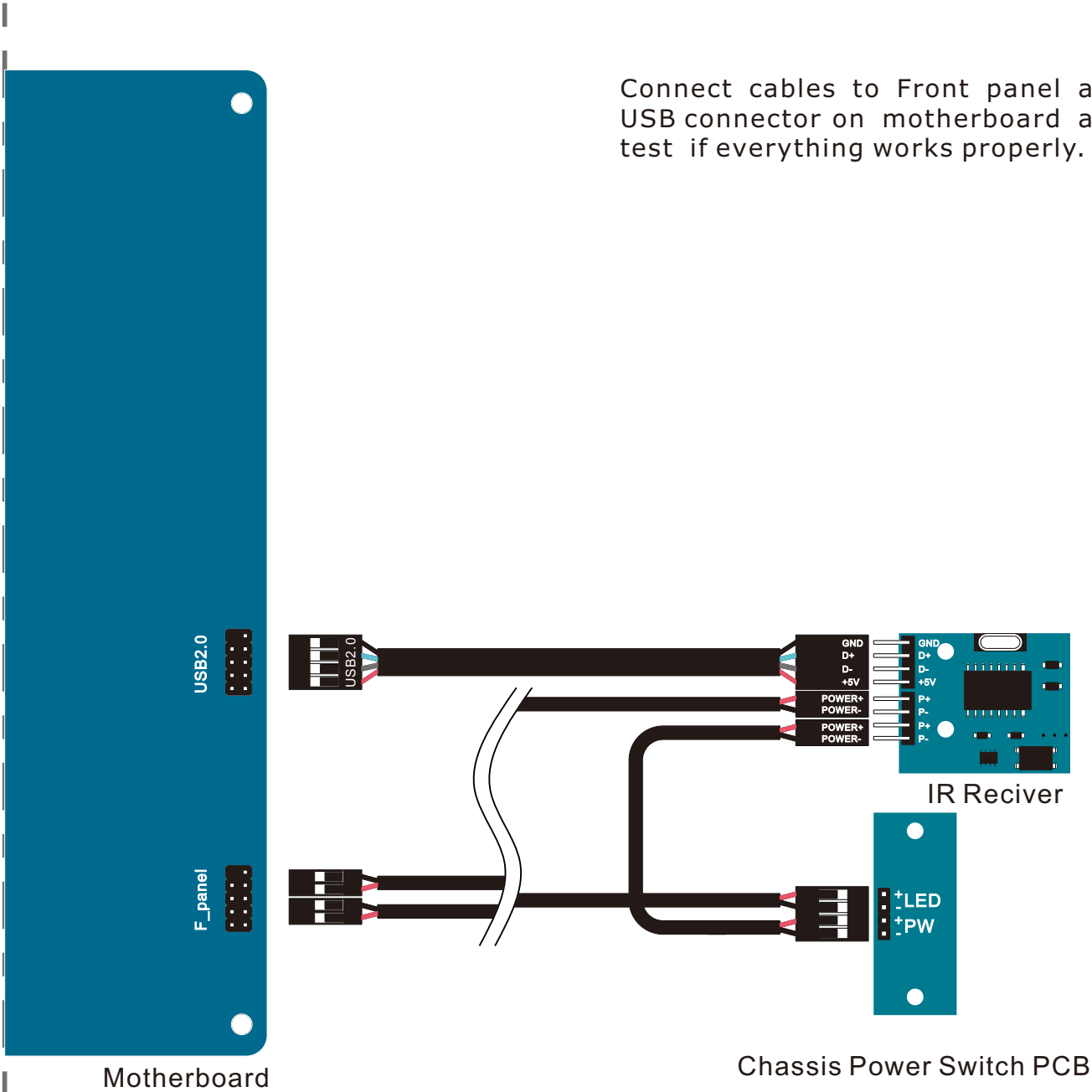

Installing supplied PCI-E riser in the motherboard.

Carefully place the card into the mother-board slot ensuring the rear side (where the ports are located) firstly passes through the expansion slot opening of the chassis. Once the card is fully inserted in the PCI-E riser, replace the PCI mount and finally secure the card with the single screw from underneath the mount.

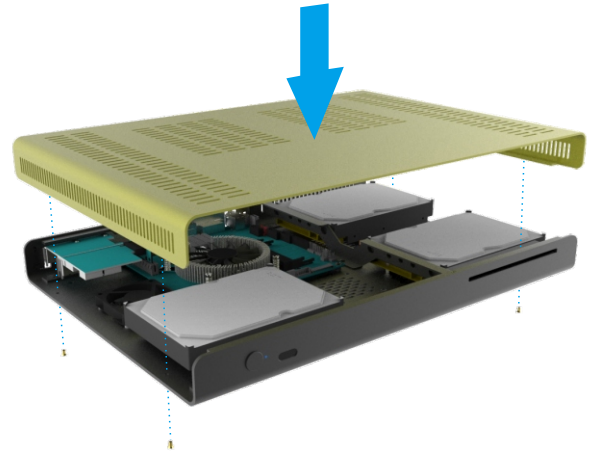Connect cables to Front panel and USB connector on motherboard and test if everything works properly.

USB2.0

F_panel

USB2.0

GND
D+
D-
+5V

POWER+
POWER-

POWER+
POWER-

GND
D+
D-
+5V

P+
P-

P+
P-

IR Reciver

+ LED
+ PW

Motherboard

Chassis Power Switch PCB

Installing Top Panel

With all the components installed, the chassis can now be closed. Prior to doing this. ensure that all cables are connected and all components are securely fitted Replace the top panel and secure it in place using 4 screws from under the chassis.

Connect Power & Other Cables

With the chassis fully assembled, connect the power and other cables.

When choosing a place for your chassis. Please consider an area with adequate air flow and a moderate room temperature.

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V1.0