Jonsbo T7

JONSBO T7 Micro ATX PC Case Instruction Manual

Model: T7 | Brand: Jonsbo

1. PRODUCT OVERVIEW

The JONSBO T7 is a Micro ATX PC case designed for compact desktop computer builds. It features a combination of aluminum alloy and North American black walnut solid wood, offering both durability and a distinctive aesthetic. The case includes a multifunctional handle for portability and offers flexible side panel options, allowing users to choose between a standard aluminum panel or a high-transparency tempered glass panel for display.

Product Overview

T7 is Jonsbo's latest MATX structure case, developed based on the previous T6 portable mini-case. The exterior uses a combination of 3mm aluminum alloy and North American black walnut wood, with added rounded edges, showcasing a unique traditional Chinese home woodworking style. This includes a high-strength wooden handle on top that highlights its new elegant demeanor. The case features front-to-back ventilation channels for excellent heat dissipation, and an additional glass side panel is provided for customizable side window options, allowing users to choose and combine according to their needs.

● Black Version/ Silver Version

Image 1.1: JONSBO T7 Micro ATX PC Case, available in Black and Silver versions, highlighting its aluminum and wood construction.

2. KEY FEATURES

- **Premium Construction:** Crafted from 3mm thick aluminum alloy and North American black walnut solid wood for enhanced durability and aesthetic appeal.
- **Interchangeable Side Panels:** Includes both an aluminum side panel and a high-transparency tempered

glass panel, allowing customization for internal component display.

- **Multifunctional Handle:** Features a solid wood handle designed to support up to 15kg, facilitating short-distance transportation.
- **Optimized Cooling:** Supports front 120mm*2 and rear 120mm*1 fans, with multiple mesh holes for effective heat dissipation.
- **Versatile Component Support:** Compatible with Micro-ATX/ITX motherboards, GPUs up to 280mm, ATX PSUs up to 220mm, and CPU coolers up to 165mm.
- **Flexible Storage Options:** Accommodates 1x 3.5" HDD and 2x 2.5" SSDs, or 3x 2.5" SSDs.
- **Convenient Front I/O:** Equipped with 1x Type-C, 1x USB 3.0, and a combined Audio/Mic port.
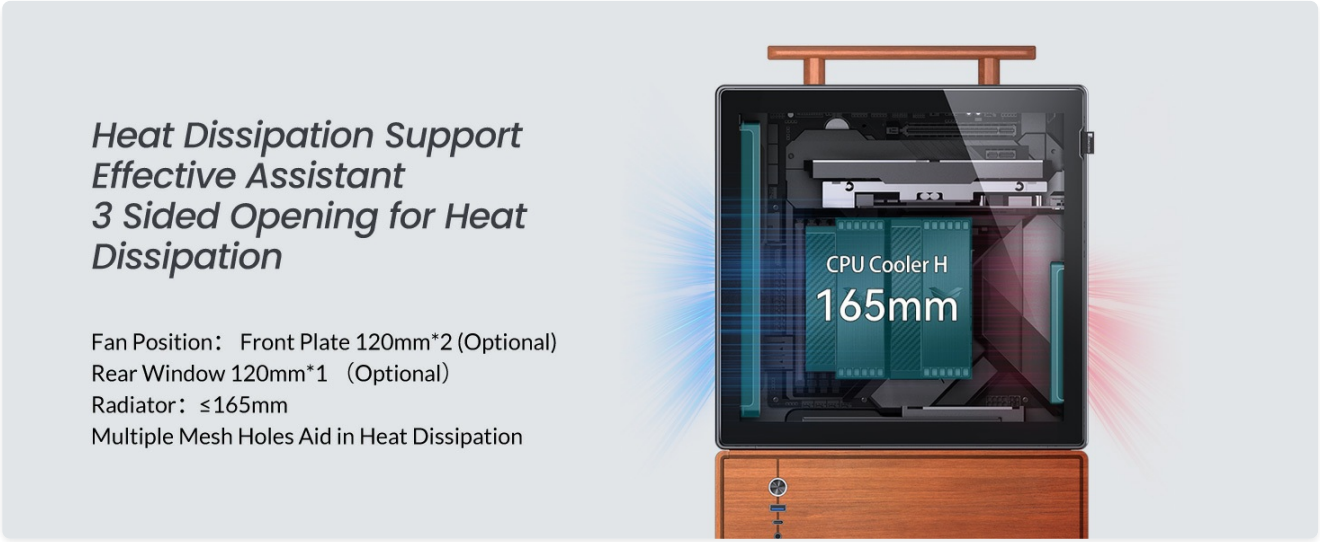

Heat Dissipation Support
Effective Assistant
3 Sided Opening for Heat
Dissipation

Fan Position： Front Plate 120mm*2 (Optional)
Rear Window 120mm*1 （Optional）
Radiator： ≤165mm
Multiple Mesh Holes Aid in Heat Dissipation

CPU Cooler H
165mm

Image 2.1: Illustration of the dual side-panel design, allowing users to switch between aluminum and tempered glass.

HX6280 inherits the development concept of the HX series products, which emphasizes texture, understatement, and high performance. It features dual-tower full black casing, fins, and a bottom copper base all made with welding technology. The top cover is designed with an integrated aluminum brushed finish, complemented by simple and elegant lighting effects. It comes standard with FDB bearing high-performance dual fans, making it a dual-tower cooler

ZB-120B

4-Sided infinity mirror light effect /Integrated structure make installation convenient

One-line connection to the motherboard，Simplifies cable management/ Spindle infinity mirror light effect

Top Mesh Holes
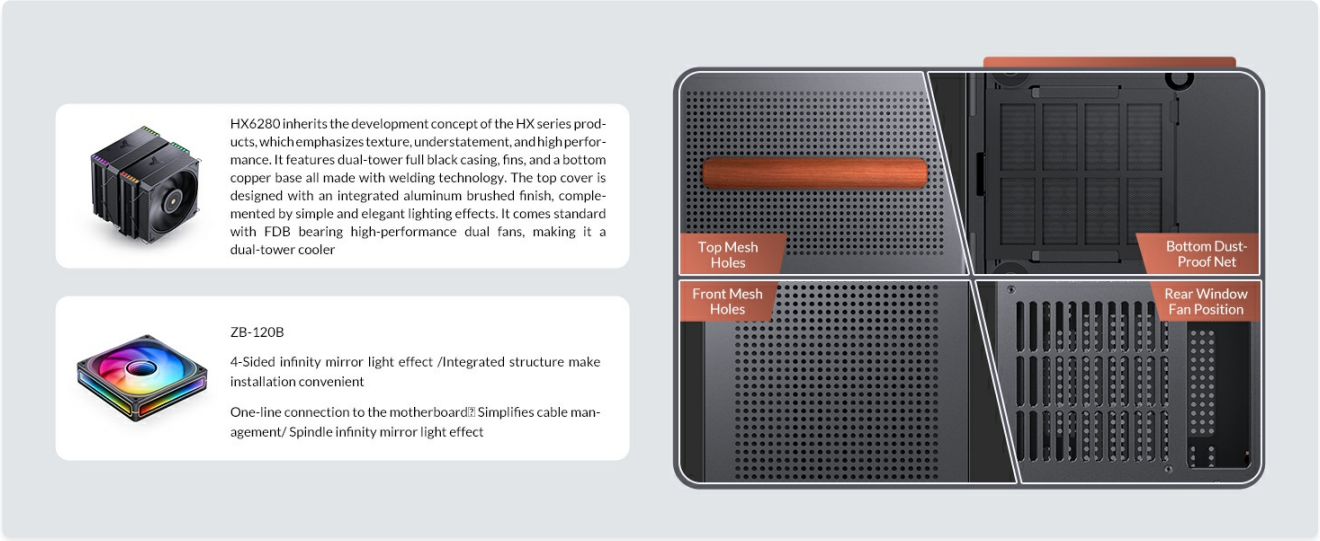Front Mesh Holes
Bottom Dust-Proof Net
Rear Window Fan Position

Image 2.2: Detail of the solid wood handle, designed for convenient and flexible placement.

3. SPECIFICATIONS

Feature	Specification

Feature	Specification
Model	T7
Dimensions (W x D x H)	210mm x 305mm x 403mm (including feet)
Material	3mm Aluminum Alloy, 1mm Steel Plate, North American Walnut
Motherboard Compatibility	Micro ATX, Mini ITX
GPU Max Length	255mm - 280mm (255mm if 2x 120mm front fans are installed)
PSU Max Length	ATX ≤ 220mm
CPU Cooler Max Height	≤ 165mm
Drive Bays	1x 3.5" HDD / 2x 2.5" SSD or 3x 2.5" SSD
Fan Support	Front: 2x 120mm (Optional), Rear: 1x 120mm (Optional)
Front I/O Ports	1x Type-C, 1x USB 3.0, 1x Audio + 1x Mic (combined)
Expansion Slots	4
Case Net Weight	5.85 kg (approx. 12.9 lbs)

Specifications

Color: Anode - Silver

Product Size: 210mm(W)×305mm(D)×403mm(H)(Included 10mm high feet)

Material: 3mm Aluminum Alloy / 1mm Steel Plate / 10mm North American Walnut

Hard-Drive Bay: 3.5HDD×1/2.5SSD×2 or 2.5SSD×3

Compatible with motherboards: ITX / M-ATX

Front I/O Port: Type-C×1/USB3.0×1(1AUDIO×1+MIC×1 2 in 1)

Expansion Slot: 4 Slots

PSU: ≤220mm

Radiator: ≤165mm

GPU: ≤255-280mm

Fan: Front 120mm×2 (Optional)Rear 120mm×1 (Optional)

Case Weight: 5.85KG

Image 3.1: Visual representation of the JONSBO T7's key specifications.

4. SETUP AND INSTALLATION

This section provides guidance for installing components into your JONSBO T7 PC case. Always ensure your system is powered off and unplugged before beginning installation.

4.1 Motherboard Installation

The JONSBO T7 supports Micro ATX and Mini ITX motherboards. Install the necessary standoffs in the appropriate positions for your motherboard size. Carefully align your motherboard with the standoffs and I/O shield, then secure it with screws.

4.2 Power Supply Unit (PSU) Installation

The case supports ATX PSUs up to 220mm in length. The PSU mounts at the bottom of the case. Slide the PSU into its designated bay and secure it with screws from the rear of the case.

Your browser does not support the video tag.

Video 4.1: An official JONSBO video demonstrating the features and internal layout of the T7 Micro ATX case, including component installation areas.

4.3 Graphics Processing Unit (GPU) Installation

The case supports GPUs with a maximum length of 280mm. If two 120mm front fans are installed, the GPU length should not exceed 255mm. Install your GPU into the appropriate PCIe slot on your motherboard and secure it with the retention mechanism and screws.
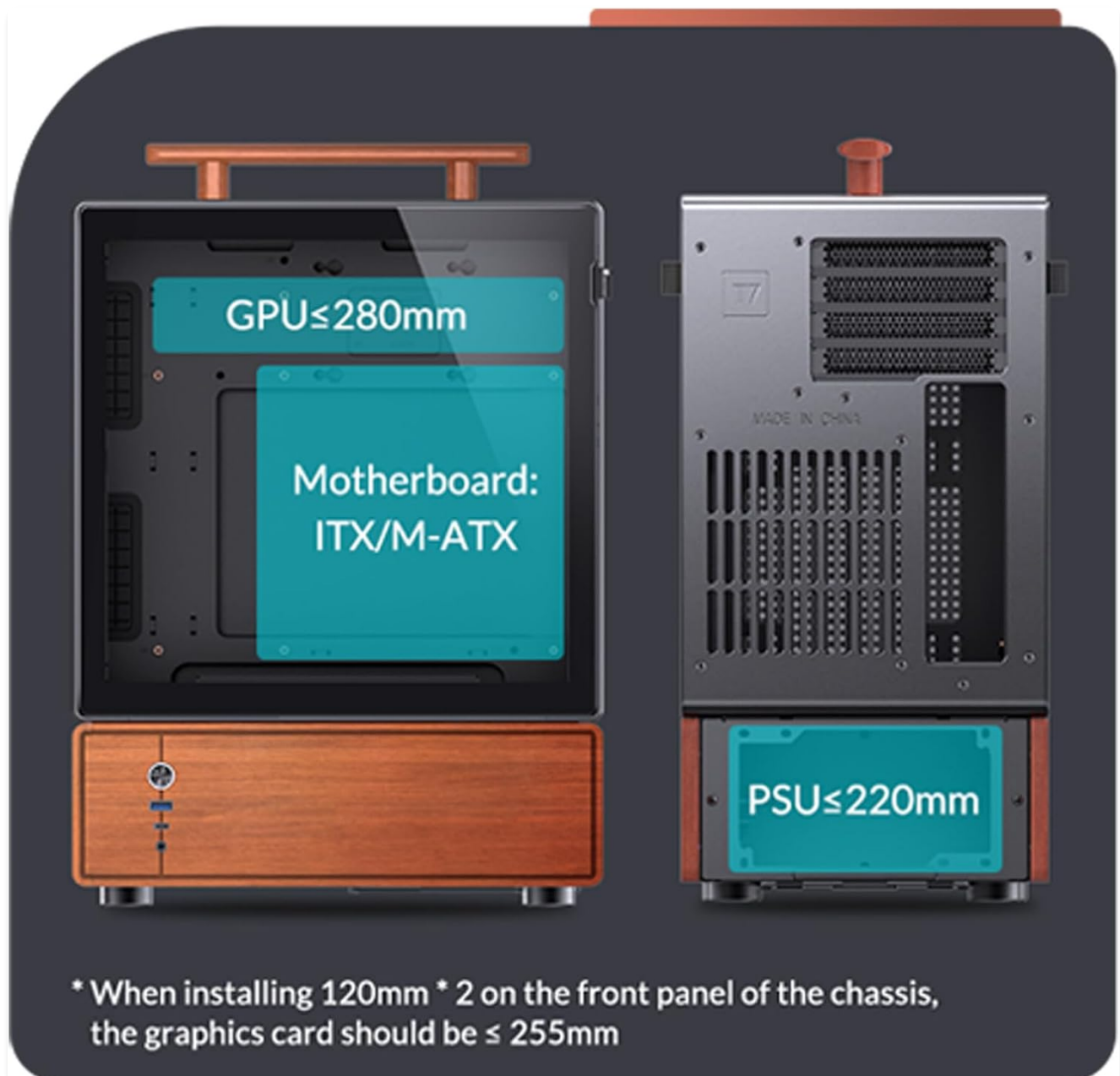

Image 4.2: Internal layout diagram indicating maximum GPU length (255-280mm), Motherboard compatibility (ITX/M-ATX), and PSU length (≤220mm).

4.4 Storage Drive Installation

The case offers flexible storage options: 1x 3.5" HDD and 2x 2.5" SSDs, or 3x 2.5" SSDs. Refer to the internal diagrams for specific mounting locations and secure your drives using the provided screws.
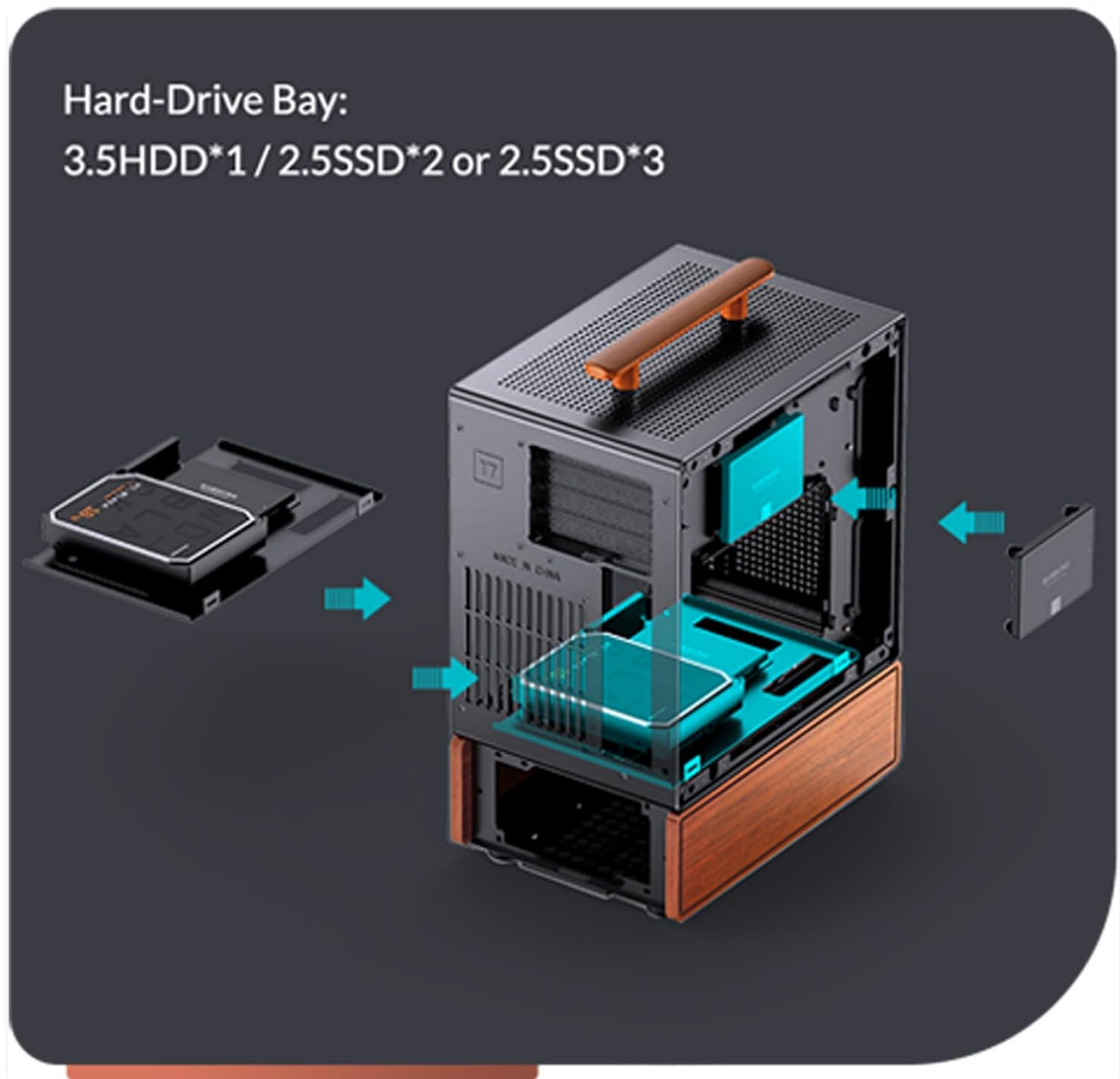

Image 4.3: Visual guide for installing 3.5" HDDs and 2.5" SSDs within the case.

4.5 Cooling Fan Installation

The case supports two 120mm fans at the front and one 120mm fan at the rear. Install fans in desired locations, ensuring proper airflow direction for optimal cooling. The maximum CPU cooler height is 165mm.

Image 4.4: Internal view showing component placement and fan locations.

4.6 Front Panel Connections

Connect the front panel cables (Power Button, USB 3.0, Type-C, Audio/Mic) to the corresponding headers on your motherboard. Refer to your motherboard manual for exact header locations.

Image 4.5: Front interface details for connecting to the motherboard.

5. OPERATING INSTRUCTIONS

Once all components are correctly installed and secured, and all cables are connected:

1. Connect your monitor, keyboard, mouse, and other peripherals to your computer.
2. Plug the power cable into the PSU and then into a wall outlet.
3. Press the power button on the front panel of the case to start your computer.
4. To power off, use the operating system's shutdown function. A short press of the power button can also initiate a soft shutdown (configurable in OS settings), while a long press (5-10 seconds) will force a hard shutdown.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your JONSBO T7 PC case and its components.

- **Dust Cleaning:** Periodically clean dust from the case, especially from the mesh panels and fan filters. Use compressed air or a soft brush.
- **Fan Filters:** The case includes magnetic mesh filters for the front and top. Remove and clean these filters regularly to maintain good airflow.
- **Exterior Cleaning:** Wipe the aluminum and wood surfaces with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Cable Management:** Ensure internal cables are neatly managed to prevent obstruction of airflow and to facilitate future component upgrades or maintenance.
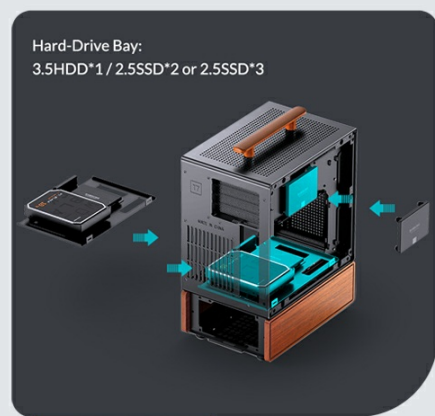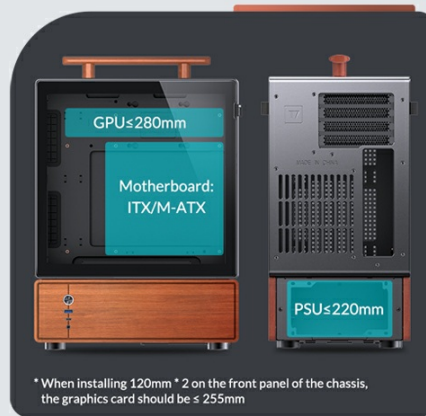
Image 6.1: Heat dissipation support diagram, highlighting mesh areas and fan locations for maintenance reference.

7. TROUBLESHOOTING

If you encounter issues with your PC build within the JONSBO T7 case, consider the following general troubleshooting steps:

- **No Power:** Ensure the PSU is switched on, the power cable is securely connected, and the front panel power button cable is correctly attached to the motherboard.
- **No Display:** Verify that your GPU is properly seated in its PCIe slot and that the monitor cable is connected to the GPU (not the motherboard integrated graphics, unless intended).
- **Overheating:** Check that all fans are spinning correctly and are oriented for optimal airflow. Ensure CPU cooler is properly installed and making good contact. Clean any dust buildup from filters and internal components.
- **Component Not Detected:** Re-seat the component (e.g., RAM, GPU, storage drive) and check its power and data connections.
- **Front Panel I/O Issues:** Confirm that the front panel cables are correctly connected to the motherboard headers.

For more specific issues, consult the manuals for your individual components (motherboard, GPU, PSU, etc.) or seek assistance from a qualified technician.

8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your JONSBO T7 PC case, please refer to the official JONSBO website or contact their customer service directly. Keep your proof of purchase for warranty claims.

JONSBO Customer Service: Please visit the official JONSBO website for contact details and support resources.