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> Yoidesu Mini-ITX Computer Case (Model Yoidesua8mpt1k3c6-03) Instruction Manual

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# Yoidesu Mini-ITX Computer Case (Model Yoidesua8mpt1k3c6-03) Instruction Manual

Model: Yoidesua8mpt1k3c6-03

## 1. PRODUCT OVERVIEW

The Yoidesu Mini-ITX Computer Case is a compact and robust enclosure designed for Mini-ITX motherboards. Constructed from high-quality aluminum alloy, it offers excellent heat dissipation and a sleek, minimalist design. This case is ideal for building small form factor PCs, including gaming systems and Home Theater Personal Computers (HTPCs).



Image: The Yoidesu Mini-ITX Computer Case displayed on a desk next to a computer monitor, illustrating its compact size in a typical setup.

## Key Features:

- **High-Quality Construction:** Made of durable aluminum alloy with a super-thick sheet (up to 3.5MM) for enhanced structural integrity.
- **Elegant Finish:** Features a frosting treatment for a premium aesthetic and feel.
- **Compact Design:** Small footprint with dimensions of 197mm x 197mm x 65mm (approximately 7.76"D x 7.76"W x 2.56"H), perfect for space-constrained setups.
- **Integrated Heat Dissipation:** The all-aluminum alloy frame is designed to integrate and optimize heat dissipation for efficient cooling.
- **Mini-ITX Motherboard Compatibility:** Specifically designed for ITX motherboards measuring 170mm x 170mm.

## 2. SETUP AND INSTALLATION

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Follow these steps to install your components into the Yoidesu Mini-ITX Computer Case.

## 2.1 Preparing the Case

Before installing any components, ensure the case is placed on a stable, flat surface. Remove any side panels or covers as instructed to access the interior. The case includes necessary mounting hardware.



Image: The Yoidesu Mini-ITX Computer Case shown with included mounting screws and cable ties, indicating readiness for component installation.

## 2.2 Motherboard Installation

1. Carefully align your Mini-ITX motherboard (170x170mm) with the standoffs inside the case.
2. Secure the motherboard using the appropriate screws provided with the case or your motherboard.

## Motherboard Installation



Image: Diagram illustrating the correct placement of a Mini-ITX motherboard (17x17cm) within the case for installation.

Designed for the ITX  
motherboard (170\*170MM)



Image: The Yoidesu Mini-ITX Computer Case with a transparent overlay showing a Mini-ITX motherboard, highlighting its compatibility and intended fit.

### 2.3 Storage Device Installation

The case supports 3.5-inch and 2.5-inch hard disks. Locate the internal bays and secure your storage devices using the provided screws.



Image: An internal view of the Yoidesu Mini-ITX Computer Case, revealing the metal frame and various mounting points for components like hard drives.

## 2.4 Power Supply Unit (PSU) Installation

The case supports bottom-mounted or top-mounted power supply units. Install your PSU according to its design and the available mounting options within the case.

## 2.5 Connecting Front Panel I/O

Connect the front panel cables (USB 2.0, USB 3.0, power button, power LED, HDD LED) to the corresponding headers on your motherboard. Refer to your motherboard's manual for specific header locations.



Image: Side view of the Yoidesu Mini-ITX Computer Case, highlighting the front panel USB 3.0 ports and side ventilation grilles.

## 3. OPERATING AND COOLING

The Yoidesu Mini-ITX Computer Case is designed for efficient thermal management, especially for Mini-ITX

systems.

### 3.1 Passive Cooling

For low-power CPUs, the all-aluminum construction and integrated design facilitate passive cooling. Heat is dissipated through the bottom, left, and right sides of the case without the need for additional fans.

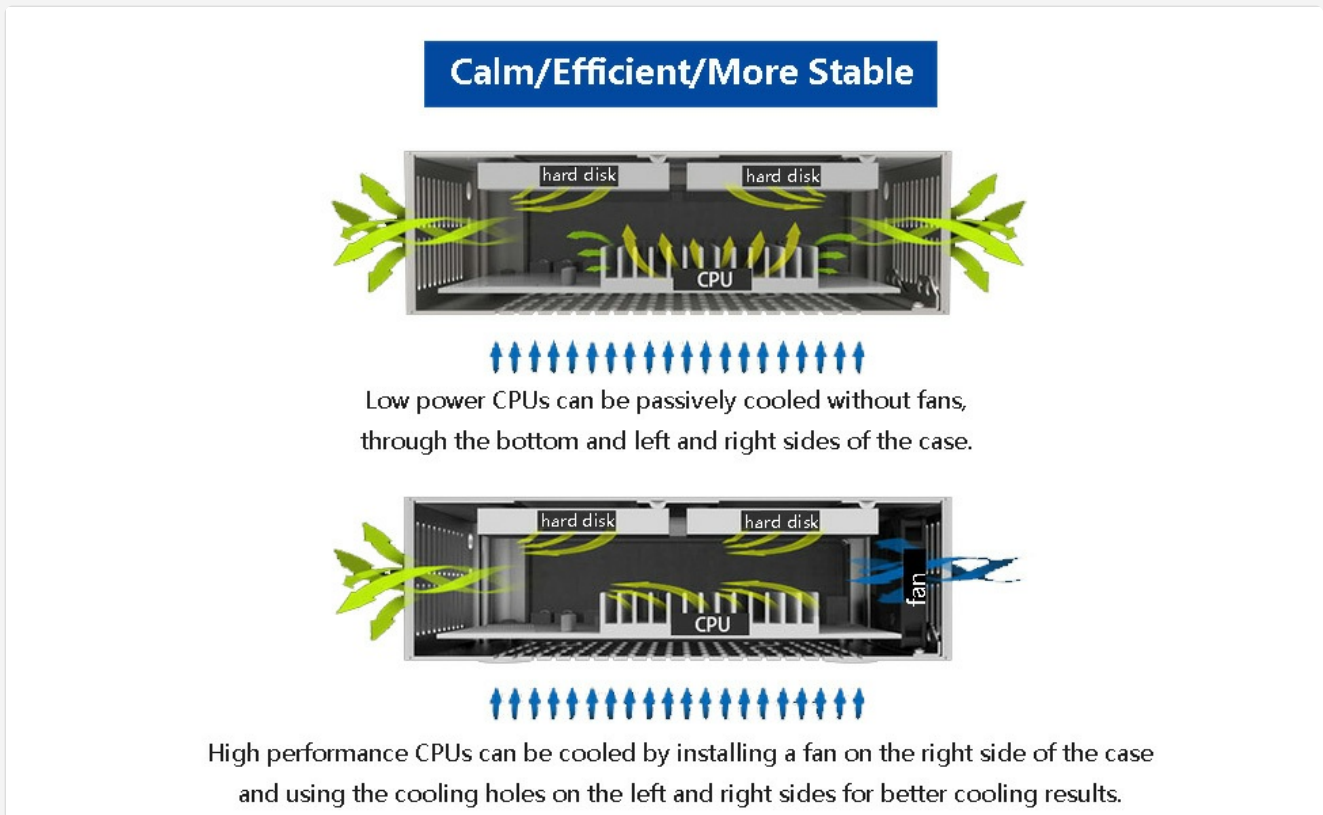


Image: Cooling diagram showing airflow for both passive cooling (top) and active cooling with an optional fan (bottom) within the case, demonstrating how heat is managed.

### 3.2 Active Cooling (Optional)

For high-performance CPUs or systems requiring enhanced cooling, a fan can be installed on the right side of the case. This active cooling, combined with the existing ventilation holes on the left and right sides, provides improved thermal performance.

## 4. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your computer case.

- **Cleaning:** Periodically clean the exterior of the case with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by drying. Avoid abrasive cleaners or solvents.
- **Dust Removal:** Over time, dust can accumulate inside the case, potentially affecting component cooling. Use compressed air to gently clear dust from internal components and ventilation openings. Ensure the system is powered off and unplugged before performing internal cleaning.
- **Ventilation:** Ensure that the case's ventilation openings are not obstructed to allow for proper airflow and heat dissipation.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your computer case.

- **System Overheating:**

- Ensure all internal components are properly seated and connected.
- Verify that ventilation openings are clear and not obstructed.
- If using a high-performance CPU, consider installing an optional cooling fan as described in Section 3.2.
- Check that CPU cooler is correctly installed and making good contact with the CPU.

- **Front Panel Ports Not Working:**

- Confirm that the front panel USB and audio cables are securely connected to the correct headers on your motherboard.
- Refer to your motherboard manual for correct header pinouts.

- **Power Button Not Responding:**

- Ensure the power button cable from the case is correctly connected to the motherboard's front panel header.
- Verify that the power supply unit is functioning and properly connected to the motherboard and wall outlet.

## 6. SPECIFICATIONS

Detailed technical specifications for the Yoidesu Mini-ITX Computer Case.

Feature	Specification
Brand	Yoidesu
Model Number	Yoidesua8mpt1k3c6-03
Motherboard Compatibility	Mini ITX (170x170mm)
Case Type	Integrated
Recommended Uses	Gaming, HTPC, Small Form Factor PC
Color	Black
Material	Aluminum Alloy
Product Dimensions (D x W x H)	6.5" x 7.76" x 2.56" (197mm x 197mm x 65mm)
Power Supply Mounting Type	Bottom-mounted or Top-mounted
Cooling Method	Passive (heat-dissipation-through-aluminum), Optional Active Fan Cooling
Number of Expansion Slots	2
Total USB 2.0 Ports	2
Total USB 3.0 Ports	2

Feature	Specification
Hard Disk Form Factor Support	3.5 Inches, 2.5 Inches
Internal Bays Quantity	1 (for 3.5" or 2.5" drive)
Compatible Devices	Mini-ITX motherboard, 3.5-inch hard disk, 2.5-inch hard disk, network card, PSU, cooling systems within case dimensions.

## 7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Yoidesu website or contact your retailer. Keep your purchase receipt as proof of purchase.

You can visit the [Yoidesu Store on Amazon](#) for more product information and support resources.