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Zalman CUBIX

Zalman CUBIX Compact Mini Tower PC Case User Manual

Model: CUBIX

1. INTRODUCTION

The Zalman CUBIX is a compact mini tower PC case designed for Micro-ATX and Mini-ITX motherboards. It features a durable 0.8T steel construction and a high-airflow design, making it suitable for various desktop computer builds where space is a consideration. This manual provides detailed instructions for setting up, operating, and maintaining your CUBIX PC case.



Figure 1: Zalman CUBIX Compact Mini Tower PC Case

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before performing any installation or maintenance.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.
- Handle all components with care to avoid damage.
- Keep small parts and tools away from children.

- Ensure proper ventilation around the PC case to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Zalman CUBIX Compact Mini Tower PC Case
- Accessory Box (containing screws, standoffs, cable ties, etc.)
- Pre-installed 80mm rear fan

4. SETUP AND INSTALLATION

4.1 Preparing the Case

1. Place the case on a flat, stable surface.
2. Remove the side panels by unscrewing the thumb screws at the rear and sliding the panels backward.



Figure 2: Rear panel with thumb screws

4.2 Motherboard Installation

1. Install the I/O shield into the motherboard cutout at the rear of the case.
2. Align your Micro-ATX or Mini-ITX motherboard with the standoffs inside the case.
3. Secure the motherboard with the appropriate screws from the accessory box.



Figure 3: Motherboard compatibility

4.3 Power Supply Unit (PSU) Installation

1. The CUBIX supports standard ATX PSUs. Position the PSU in its designated bay at the top front of the case.
2. Secure the PSU with screws from the accessory box.



Figure 4: Internal component layout

4.4 Graphics Card (GPU) Installation

1. Remove the necessary PCI-E slot covers at the rear of the case.
2. Insert your GPU (up to 260mm in length) into the PCI-E slot on the motherboard.
3. Secure the GPU with screws.

4.5 CPU Cooler Installation

Install your CPU cooler according to its manufacturer's instructions. The CUBIX supports CPU coolers up to 137mm in height.

4.6 Drive Installation

The case supports 2 x HDD/SSD drives. Refer to the internal diagrams for mounting locations.



Figure 5: Drive mounting options

4.7 Cable Management

Utilize the included cable ties and routing options to organize cables for improved airflow and a clean interior.



Figure 6: Cable management features

4.8 Front I/O Connections

Connect the front panel cables (USB 3.0, USB 2.0, HD Audio, Power, Reset) to the corresponding headers on your motherboard.

- 1 x USB 3.0
- 1 x USB 2.0
- 1 x 3.5mm Stereo AUX (Audio In/Out)

5. OPERATING INSTRUCTIONS

1. Once all components are installed and secured, replace the side panels.
2. Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports.
3. Connect the power cable to the PSU and then to a wall outlet.
4. Press the power button on the front panel to turn on your computer.

6. MAINTENANCE

- **Dust Cleaning:** Regularly clean the interior of the case and fan filters (if applicable) using compressed air or a soft brush to prevent dust buildup, which can hinder airflow and component cooling.
- **Fan Check:** Periodically check the pre-installed 80mm fan and any additional fans for proper operation. Replace any noisy or malfunctioning fans.
- **Cable Management:** Ensure cables remain neatly organized to maintain optimal airflow.

7. TROUBLESHOOTING

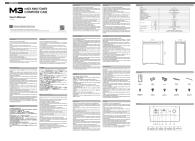
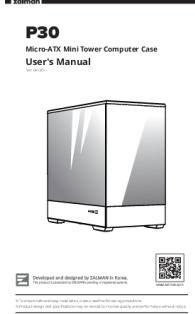
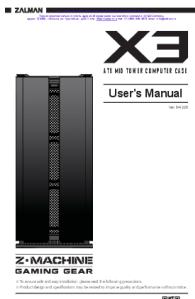
- No Power:** Ensure the PSU is properly connected to the wall outlet and the power switch on the PSU is in the 'ON' position. Check all internal power connections to the motherboard and components.
- No Display:** Verify that the monitor is correctly connected to the graphics card (or motherboard integrated graphics) and is powered on. Reseat the graphics card and RAM modules.
- Overheating:** Check fan operation and ensure there is no excessive dust buildup. Confirm that the CPU cooler is properly seated and making good contact with the CPU. Ensure adequate case ventilation.
- USB Ports Not Working:** Check the front panel USB headers are correctly connected to the motherboard.

8. SPECIFICATIONS

Feature	Specification
Model Name	CUBIX
Case Type	Mini-Tower
Motherboard Compatibility	Micro ATX, Mini ITX
Material	Alloy Steel (0.8T)
Product Dimensions (LxWxH)	11.96 x 6.29 x 13.85 inches (303.8 x 159.8 x 351.8 mm)
Item Weight	5.73 pounds (2.6 kg)
GPU Length Limit	260mm
CPU Cooler Height Limit	137mm
Power Supply Mounting Type	Bottom Mount (Supports Standard ATX PSUs)
Cooling Method	Air (Pre-installed 80mm rear fan)
Front I/O Ports	1 x USB 3.0, 1 x USB 2.0, 1 x 3.5mm Stereo AUX
Drive Bays	2 x HDD/SSD

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Zalman website or contact your local retailer. Keep your proof of purchase for warranty claims.

	<p>Zalman M3 Mini Tower Computer Case User Manual</p> <p>User manual for the Zalman M3 Mini Tower Computer Case, providing installation instructions, specifications, and safety precautions for PC building.</p>
	<p>Zalman P30 Micro-ATX Mini Tower Computer Case User's Manual</p> <p>User manual for the Zalman P30 Micro-ATX Mini Tower Computer Case, detailing installation precautions, specifications, component list, and step-by-step assembly instructions.</p>
	<p>Zalman M3 PLUS & M3 PLUS RGB mATX Mini Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman M3 PLUS and M3 PLUS RGB mATX Mini Tower computer cases. Includes installation guides, specifications, precautions, and warranty information.</p>
	<p>ZALMAN X3 ATX Mid Tower Computer Case User's Manual</p> <p>Comprehensive user's manual for the ZALMAN X3 ATX Mid Tower Computer Case, covering installation precautions, detailed specifications, component compatibility, and assembly instructions for building a PC.</p>
	<p>Zalman N5 MF ATX Mid-Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman N5 MF ATX Mid-Tower Computer Case, detailing installation steps, precautions, technical specifications, accessories, I/O ports, and warranty information.</p>
	<p>Zalman X3 ATX Mid-Tower Computer Case User Manual</p> <p>Comprehensive user manual for the Zalman X3 ATX Mid-Tower computer case. Details installation steps, technical specifications, accessories, I/O ports, RGB LED controller, fan specs, and warranty information for PC builders.</p>