

Zalman Cubix-G

Zalman CUBIX-G Micro-ATX PC Case Instruction Manual

Model: Cubix-G Black

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Zalman CUBIX-G Micro-ATX Compact Mini Tower Gaming PC Case. Please read these instructions carefully before beginning installation to ensure proper setup and optimal performance.

The CUBIX-G case is designed for compact Micro-ATX and Mini-ITX builds, featuring a panoramic view tempered glass panel and pre-installed FRGB fans for efficient cooling and aesthetics.

SETUP AND INSTALLATION

1. Unpacking and Inspection

Carefully remove the PC case from its packaging. Inspect for any damage that may have occurred during shipping. Retain all packaging materials for future transport or warranty claims.

2. Case Dimensions and Compatibility

The Zalman CUBIX-G is a compact mini-tower case. Ensure your components are compatible with the case dimensions and supported hardware specifications.

CUBIX-G is small.

*Kindly check the size before purchasing

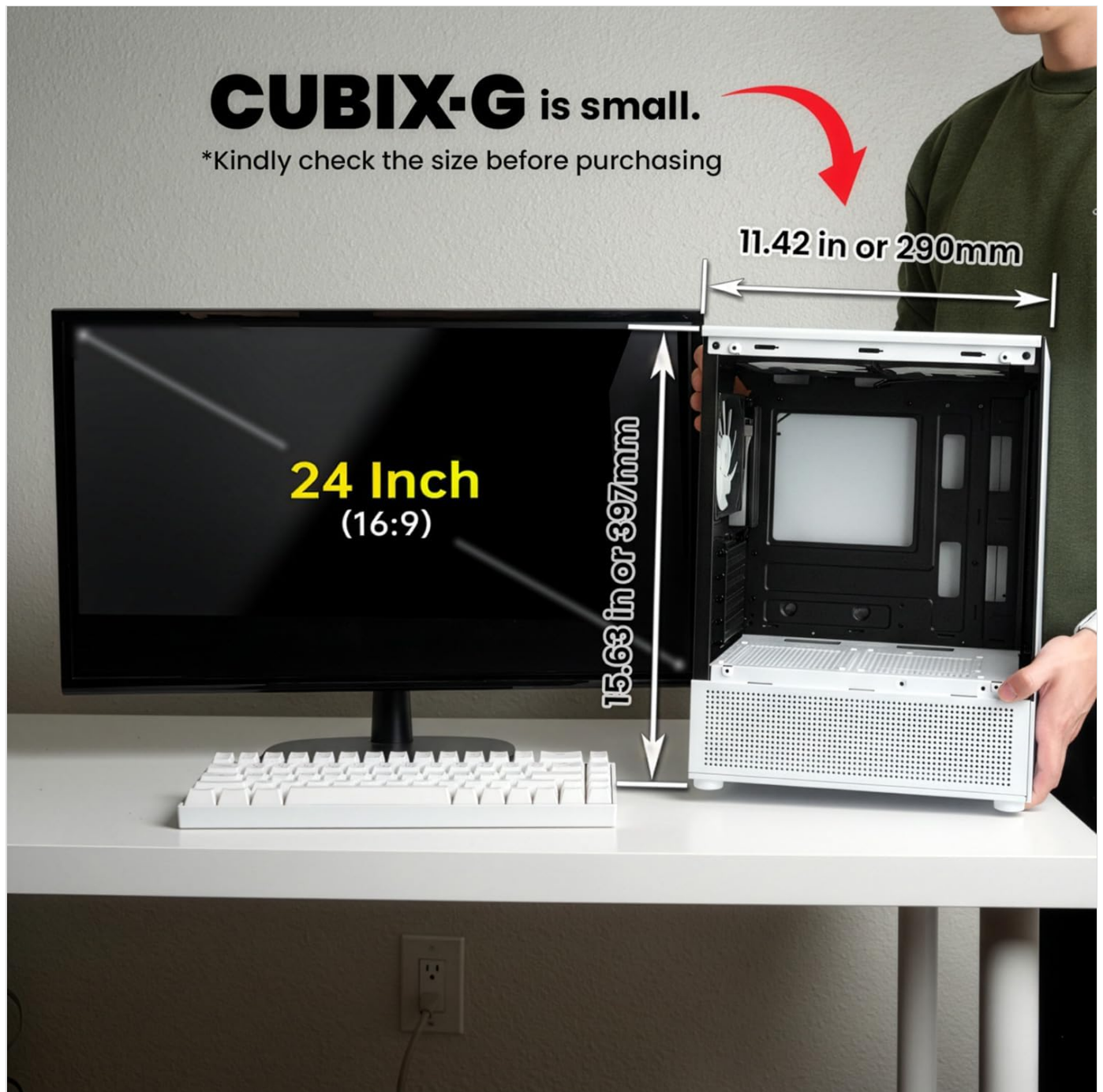


Figure 1: Case Dimensions. The case measures 11.42 inches (290mm) in depth and 15.63 inches (397mm) in height.

COMPATIBILITY



SUPPORTS
MICRO-ATX
MINI-ITX



SUPPORTS
GPUs up to 280mm



SUPPORTS
155mm CPU Coolers



SUPPORTS
140mm ATX PSUs

zalman
CUBIX-G

Figure 2: Component Compatibility. This image illustrates the supported motherboard sizes (Micro-ATX, Mini-ITX), maximum GPU length (280mm), maximum CPU cooler height (155mm), and maximum PSU length (140mm).

3. Motherboard Installation

1. Remove the side panel(s) by unscrewing the thumbscrews at the rear of the case.
2. Install the I/O shield provided with your motherboard into the rear opening of the case.
3. Align your Micro-ATX or Mini-ITX motherboard with the standoffs inside the case. Ensure all standoffs match the motherboard's mounting holes.
4. Secure the motherboard with the provided screws.

4. Power Supply Unit (PSU) Installation

1. The CUBIX-G supports ATX PSUs up to 140mm in length.
2. Mount the PSU in the designated bottom compartment, ensuring the fan faces the bottom ventilation or upwards, depending on your preference and PSU design.
3. Secure the PSU with screws from the rear of the case.

5. Storage Drive Installation

The case supports up to three 2.5" HDDs/SSDs and one 3.5" HDD (or two 2.5" + one combo 2.5"/3.5").

Supports up to **3 x 2.5"** and **1 x 3.5"** HDD

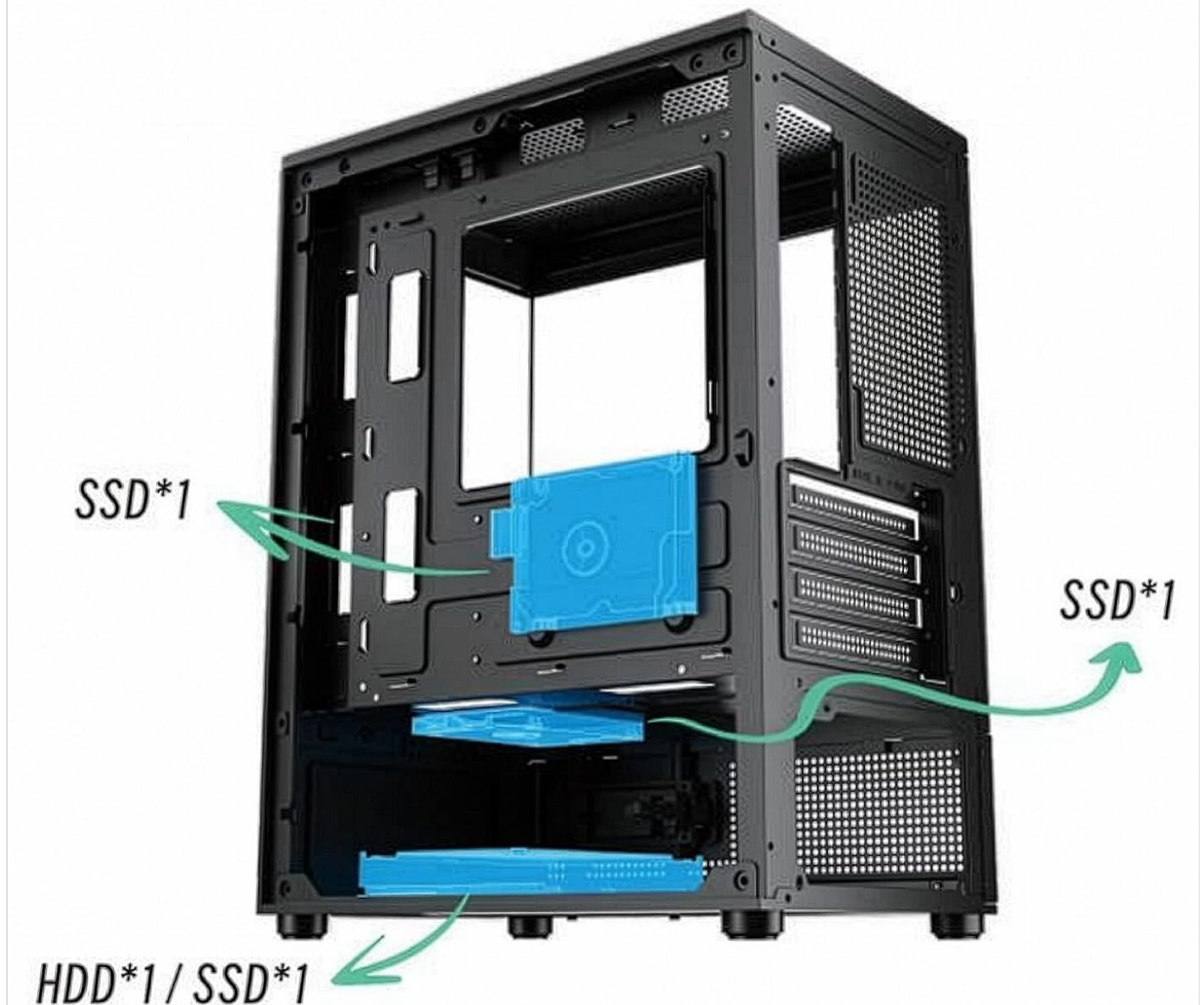


Figure 3: Storage Drive Locations. This image shows the various mounting points for 2.5-inch SSDs and 3.5-inch HDDs within the case.

1. Locate the 2.5" drive mounts behind the motherboard tray and/or on the PSU shroud.
2. For 3.5" drives, use the combo mount typically located near the PSU compartment.
3. Secure drives with the appropriate screws.

6. Graphics Card (GPU) Installation

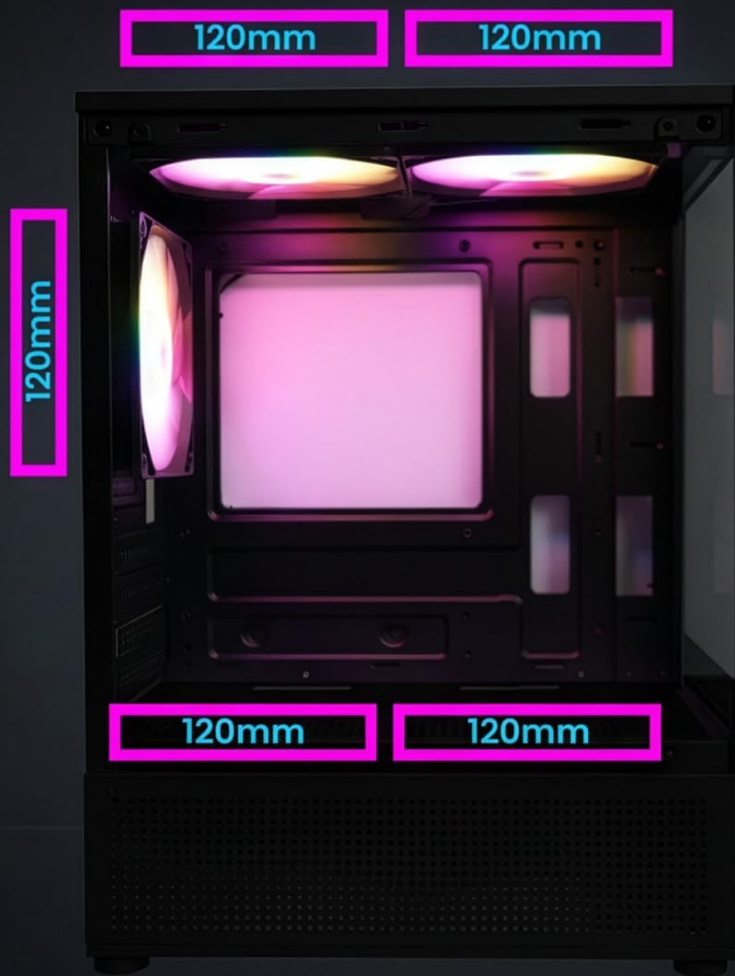
1. The CUBIX-G supports GPUs up to 280mm in length.
2. Remove the necessary PCIe slot covers from the rear of the case.
3. Insert your GPU into the primary PCIe slot on your motherboard until it clicks into place.
4. Secure the GPU with screws.

7. Fan Installation and Airflow

The case includes three pre-installed 120mm FRGB fans. It supports up to five 120mm fans in total.

INCLUDES 3 x 120mm FRGB FANS

WITH SUPPORT FOR UP TO FIVE 120MM FANS IN TOTAL



Note:



Does NOT Support
Liquid AIO Coolers



RGB Fans Specifications:

- 12V power
- 0.2A current
- 3-pin DC connector
- 1,000 Max. RPM

Figure 4: Fan Layout. This image indicates the positions for 120mm fans and explicitly states that liquid AIO coolers are not supported. The CUBIX-G features optimized vertical airflow with perforated top and bottom panels.

OPTIMIZED VERTICAL AIRFLOW

Top and bottom vents for improved air efficiency



Figure 5: Optimized Vertical Airflow. This diagram illustrates the vertical airflow path through the case, utilizing top and bottom vents for improved air efficiency.

The pre-installed fans are 3-pin DC fans with fixed RGB lighting. Connect them to your motherboard's fan headers or a fan controller.

3 x **Fixed-RGB (Non-ARGB) Fans**

- 120 x 120 x 25mm
- DC 12V (3-Pin Connector)
- 1,000 Max. RPM
- 31.2 CFM
- 20.77 dB (A)
- 9 Blades



Figure 6: FRGB Fan Details. Specifications for the included 120mm fixed RGB fans are shown, including size, power, speed, airflow, noise level, and blade count.

8. Cable Management

Utilize the space behind the motherboard tray and cable tie points to route and secure cables. Proper cable management improves airflow and aesthetics.

9. Front I/O Connections

Connect the front panel cables (USB 3.0, USB Type-C, HD Audio, Power Switch, Reset Switch, Power LED, HDD LED) to the corresponding headers on your motherboard. Refer to your motherboard manual for header locations.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the power button located on the front I/O panel to turn on your PC. Press and hold for several seconds to force a

shutdown, or use the operating system's shutdown function.

2. USB Ports

The front I/O panel includes USB Type-C and USB 3.0 ports for convenient connectivity of peripherals and external storage devices.

3. Fan Lighting

The pre-installed FRGB fans feature fixed RGB lighting. There is no external control button for changing lighting patterns on these specific fans. The lighting will activate when the fans receive power.

MAINTENANCE

1. Dust Cleaning

Regularly clean dust from the case, especially from fan filters and ventilation areas, to maintain optimal airflow and cooling performance. Use compressed air or a soft brush.

2. Exterior Cleaning

Wipe the exterior surfaces and tempered glass panels with a soft, damp cloth. Avoid abrasive cleaners that could scratch the finish or glass.

TROUBLESHOOTING

- System Not Powering On:**

Ensure all power cables (24-pin ATX, 8-pin CPU, GPU power) are securely connected. Verify that the front panel power switch cable is correctly connected to the motherboard header. Check the PSU switch is in the 'ON' position.

- Fans Not Spinning/Lighting:**

Confirm that the fan power cables are properly connected to the motherboard fan headers or a fan controller. Ensure the power supply is providing adequate power.

- Tight Spaces During Installation:**

Due to the compact nature of the CUBIX-G, some installations may be challenging. Plan your build order carefully, installing larger components like the CPU cooler and GPU last if space is limited. Consider modular PSUs for easier cable management.

- Rear I/O Shield Fit Issues:**

Some users may experience a tight fit with the motherboard I/O shield. Ensure it is properly aligned and seated before installing the motherboard. Gentle, even pressure may be required.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Zalman
Model Name	Cubix-G
Case Type	Mini-Tower
Motherboard Compatibility	Micro ATX, Mini ITX

Color	Black
Material	Metal
Item Dimensions (D x W x H)	11.42"D x 7.87"W x 15.63"H
Item Weight	7.1 pounds
GPU Support	Up to 280mm
CPU Cooler Height	Up to 155mm
PSU Support	ATX PSUs up to 140mm
Drive Bays	3 x 2.5" HDD/SSD, 1 x 3.5" HDD (or 2 x 2.5" + 1 x Combo)
Expansion Slots	4
Pre-installed Fans	3 x 120mm FRGB Fans (3-pin DC)
Max Fan Support	Up to 5 x 120mm fans
Front I/O	USB Type-C, USB 3.0, USB 2.0, HD Audio, Power, Reset
Special Features	Panoramic View Tempered Glass, Optimized Vertical Airflow, RGB Lighting

WARRANTY INFORMATION

This Zalman CUBIX-G PC Case comes with a **1 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Zalman website or contact customer support.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Zalman customer support. Visit the official Zalman website for contact information and additional resources.
Official Zalman Website: www.zalman.com

© 2026 Zalman. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question