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› Acegeek Vista AG-VISTA-BK Mid-Tower Gaming PC Case User Manual

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Model: AG-VISTA-BK

1. INTRODUCTION

The Acegeek Vista AG-VISTA-BK is a Mid-Tower gaming PC case designed for users seeking a contemporary aesthetic with extensive internal component visibility. This model combines sophisticated design with advanced functionalities, suitable for gaming setups that prioritize both style and performance.

Key features include a tempered glass side panel for showcasing internal components and RGB lighting, generous space for large graphics cards, multiple storage drive bays, and efficient cable management to optimize airflow and maintain an organized interior.



Figure 1: Front and side view of the Acegeek Vista AG-VISTA-BK Mid-Tower PC Case, showcasing its tempered glass panel and potential for RGB fan illumination.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Acegeek Vista AG-VISTA-BK Mid-Tower PC Case
- Accessory box (containing screws, standoffs, cable ties, and user manual)

Note: Cooling fans are not included with this PC case and must be purchased separately.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AG-VISTA-BK
Case Type	Mid-Tower
Material	Metal, Tempered Glass, ABS
Color	Black
Motherboard Support	Micro-ATX, ITX
Drive Bays	2 x HDD, 1 x SSD
Expansion Slots	4
Fan Support (Front)	2 x 120 mm
Fan Support (Top)	2 x 120 mm
Fan Support (Rear)	1 x 120 mm
Fan Support (Bottom)	2 x 120 mm
Radiator Support (Front)	Up to 360 mm
Radiator Support (Top)	Up to 240/280 mm
Max CPU Cooler Height	160 mm
Max VGA Length	320 mm
Cable Management Space	20 mm
Max PSU Length	190 mm
Dimensions (L x W x H)	339 x 270 x 375 mm
Product Weight	7 kg

4. SETUP AND COMPONENT INSTALLATION

This section provides general guidelines for installing components into your Acegeek Vista AG-VISTA-BK PC case. Always refer to your component manufacturers' manuals for specific installation instructions.

4.1 Preparing the Case

1. Place the case on a stable, flat surface.
2. Carefully remove the tempered glass side panel by unscrewing the retaining thumbscrews and gently sliding it off. Set it aside on a soft, non-abrasive surface to prevent scratches.
3. Remove the rear side panel to access the cable management area.

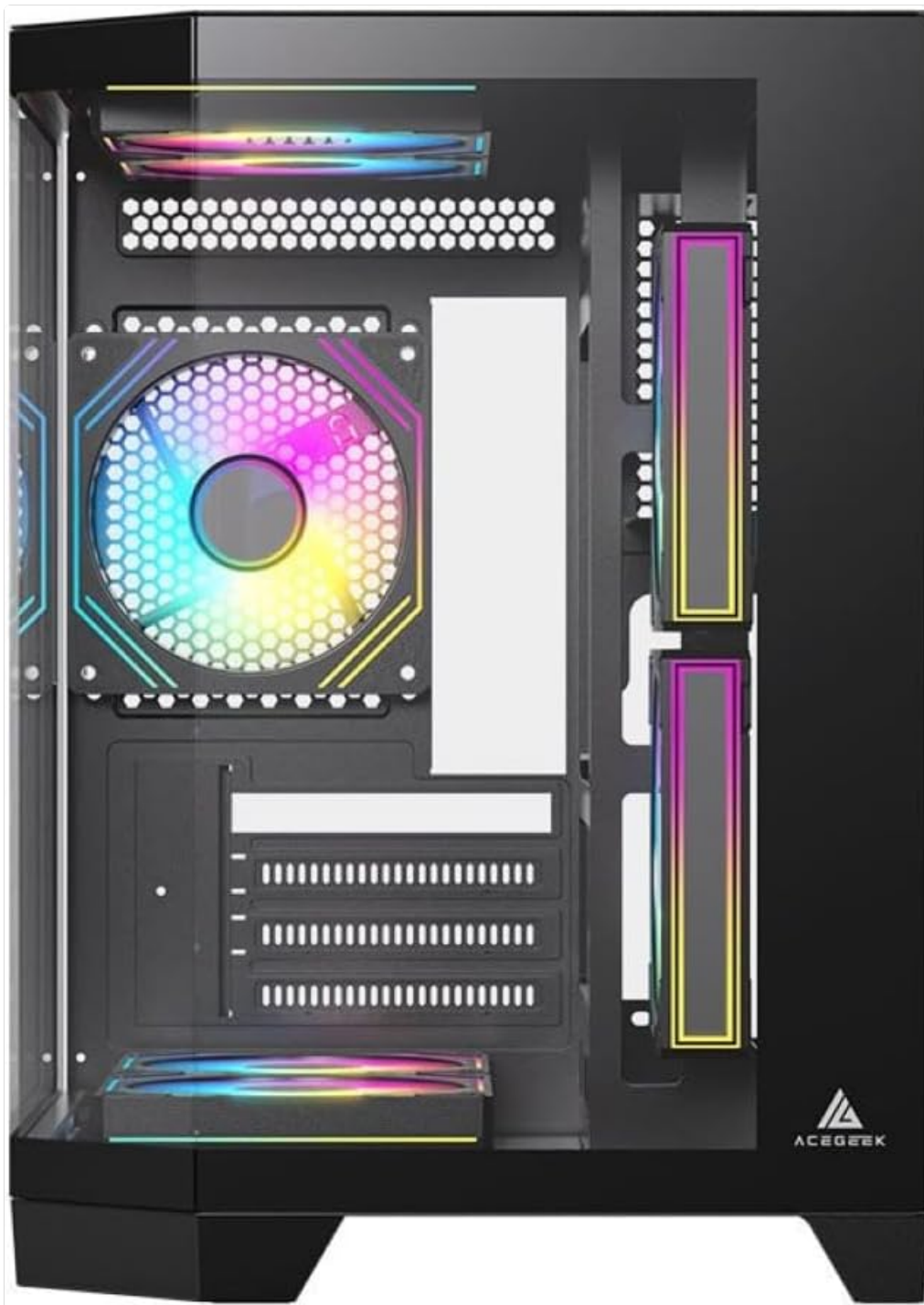


Figure 2: Internal layout of the Acegeek Vista AG-VISTA-BK, showing motherboard tray and component mounting areas.

4.2 Motherboard Installation

1. Install the I/O shield (if applicable) into the rear opening of the case.
2. Align your Micro-ATX or ITX motherboard with the pre-installed standoffs.
3. Secure the motherboard using the provided screws. Do not overtighten.

4.3 Storage Drive Installation (HDD/SSD)

The case supports 2 x HDDs and 1 x SSD. Locate the designated mounting points, typically behind the motherboard tray or in a drive cage.

1. For 3.5" HDDs, slide the drive into the drive cage and secure with screws.
2. For 2.5" SSDs, mount the drive to the dedicated SSD bracket using screws.



Figure 3: Rear internal view of the case, highlighting the cable management space and potential drive mounting locations.

4.4 Graphics Card (VGA) Installation

1. Remove the necessary expansion slot covers from the rear of the case.
2. Insert your graphics card into the appropriate PCIe slot on the motherboard.
3. Secure the graphics card to the case using screws. The case supports VGA cards up to 320 mm in length.

4.5 Cooling System Installation (Fans/Radiators)

The Acegeek Vista AG-VISTA-BK offers extensive cooling options. Fans are not included and must be installed separately.

- **Front:** Supports 2 x 120 mm fans or a 360 mm radiator.
- **Top:** Supports 2 x 120 mm fans or a 240/280 mm radiator.
- **Rear:** Supports 1 x 120 mm fan.

- **Bottom:** Supports 2 x 120 mm fans.



Figure 4: Top-down view illustrating the various fan and radiator mounting points within the case.

4.6 Power Supply Unit (PSU) Installation

1. Mount the PSU into its designated compartment, typically at the bottom rear of the case.
2. Secure the PSU with screws from the rear of the case. The case supports PSUs up to 190 mm in length.

4.7 Cable Management

Utilize the 20 mm cable management space behind the motherboard tray and the various cutouts to route cables neatly. This improves airflow and enhances the aesthetic appeal visible through the tempered glass panel.



Figure 5: Rear exterior view of the case, showing the PSU mounting area and expansion slots.

5. OPERATING YOUR PC CASE

Once all components are securely installed and cables are connected, replace the side panels. Connect your peripherals (monitor, keyboard, mouse) and power cable to the PSU. Press the power button on the front panel to start your system. The front panel typically includes:

- Power Button
- Reset Button (if present)
- USB Ports (e.g., USB 3.0, USB 2.0)
- Audio Jacks (Headphone/Microphone)

Refer to your motherboard manual for specific front panel header connections.

6. MAINTENANCE AND CLEANING

Regular maintenance helps ensure optimal performance and longevity of your PC components.

- **Dust Filters:** Periodically remove and clean any dust filters (e.g., on the top, front, or bottom of the case) to maintain good airflow. Use compressed air or a soft brush.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Tempered Glass:** Clean the tempered glass panel with a microfiber cloth and a glass cleaner specifically designed for electronics or non-abrasive surfaces. Do not use harsh chemicals.
- **Interior:** With the system powered off and unplugged, use compressed air to remove dust from internal components and fan blades.

7. TROUBLESHOOTING

If you encounter issues after building your PC, consider the following common troubleshooting steps:

- **No Power:**
 - Ensure the PSU switch is in the 'ON' position.
 - Check all power cables (24-pin ATX, 8-pin CPU, GPU PCIe) are securely connected.
 - Verify front panel power button cables are correctly connected to the motherboard.
- **No Display:**
 - Confirm your monitor is connected to the graphics card (not the motherboard's integrated graphics ports, unless you are using integrated graphics).
 - Reseat the graphics card and RAM modules.
- **Overheating:**
 - Ensure all case fans are installed correctly and spinning.
 - Check CPU cooler installation and thermal paste application.
 - Clean dust filters and internal components.
- **Unusual Noises:**
 - Identify the source of the noise (e.g., fan, HDD).
 - Check for loose cables or components obstructing fan blades.

For more detailed troubleshooting, consult your motherboard and component manuals or seek assistance from a qualified technician.

8. WARRANTY AND SUPPORT

The Acegeek Vista AG-VISTA-BK PC case comes with a manufacturer's warranty of **12 months** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by:

- Improper installation or assembly
- Accident, abuse, misuse, or neglect
- Unauthorized modifications or repairs
- Normal wear and tear

For warranty claims or technical support, please contact Acegeek customer service through their official website or the retailer where the product was purchased. Please have your proof of purchase ready.

