

AQVIN AQ20

AQVIN AQ20 Gaming PC Desktop User Manual

Model: AQ20

1. INTRODUCTION

Welcome to the AQVIN AQ20 Gaming PC Desktop user manual. This guide provides essential information for the proper setup, operation, maintenance, and troubleshooting of your new computer. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- Ensure the power supply voltage matches your local power grid.
- Do not open the computer case unless instructed by a qualified technician.
- Keep the computer away from water, excessive humidity, and extreme temperatures.
- Place the computer on a stable, flat surface to prevent accidental falls.
- Ensure adequate ventilation around the computer to prevent overheating.
- Disconnect the power cable before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AQVIN AQ20 Gaming PC Desktop
- Power Cable
- User Manual (this document)
- Keyboard and Mouse (may vary by package)

4. PHYSICAL OVERVIEW

4.1 Front Panel

The front panel features a mesh design for enhanced airflow and integrated RGB lighting for visual customization.



Image: Front view of the AQVIN AQ20 Gaming PC Desktop, showcasing the mesh front panel and internal RGB fan lighting.

4.2 Top I/O Interface

The top panel provides convenient access to essential ports and controls.



Image: Detailed view of the top I/O interface, including the Power Button, Restart Button, USB 2.0 ports, Headphone & Speaker Jack, Mic IN, and USB 3.0 port.

4.3 Side Panel and Cooling

The AQVIN AQ20 features a tempered glass side panel to view internal components and includes an anti-dust filter for improved system longevity. RGB fans circulate air to dissipate heat.

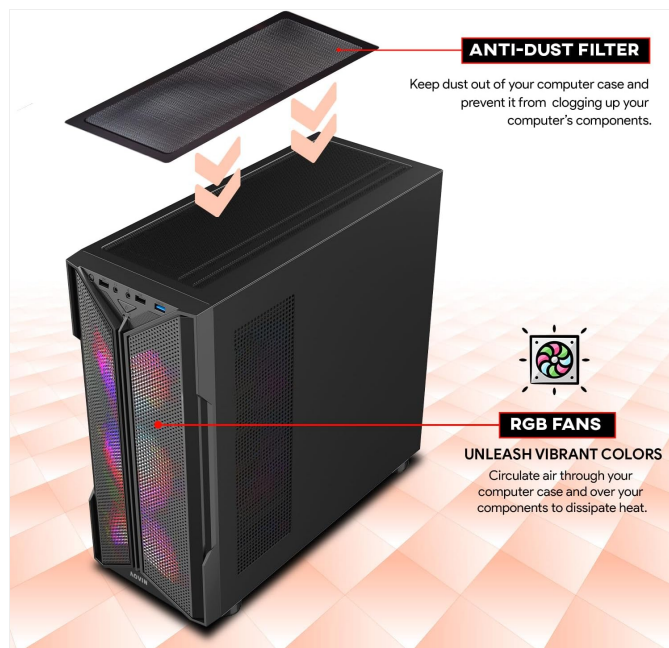


Image: The AQVIN AQ20 PC case with an anti-dust filter being removed from the top, highlighting the RGB fans inside.

4.4 Rear I/O Ports

The rear panel contains ports for connecting your monitor, additional USB devices, network cable, and audio devices. Specific ports include HDMI for video output, multiple USB ports, and audio jacks.

5. SETUP

5.1 Unpacking and Placement

1. Carefully remove the PC from its packaging.

2. Place the PC on a flat, stable surface with adequate space for ventilation.

5.2 Connecting Peripherals

Connect your monitor, keyboard, and mouse to the appropriate ports on the rear and top of the PC.



Image: The AQVIN AQ20 Gaming PC Desktop connected to a monitor, keyboard, and mouse, ready for use.

- **Monitor:** Connect your monitor to the HDMI port on the graphics card (typically located at the lower rear of the PC).
- **Keyboard & Mouse:** Connect to any available USB ports (USB 2.0 or USB 3.0).
- **Power:** Connect the power cable to the PC's power supply unit (PSU) and then to a wall outlet.

5.3 Initial Boot and Windows 11 Setup

1. Press the Power Button on the top panel of the PC.
2. The system will boot into Windows 11 Pro. Follow the on-screen instructions to complete the initial setup, including language, region, and user account creation.

5.4 Network Connection

Your AQVIN AQ20 PC is WiFi Ready.

- During Windows setup, you will be prompted to connect to a wireless network. Select your network and enter the password.
- Alternatively, you can connect an Ethernet cable to the LAN port on the rear of the PC for a wired connection.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **Power On:** Press the Power Button on the top panel.
- **Power Off:** Click the Start button in Windows, then select Power > Shut down. Do not force power off by holding the power button unless the system is unresponsive.

6.2 RGB Lighting Control

The RGB case lighting offers various color effects. Control options may be available through pre-installed software or physical buttons on the case (refer to specific case documentation if provided).

6.3 Basic Usage

Your AQVIN AQ20 is pre-installed with Windows 11 Pro. Utilize the operating system for gaming, multimedia, and productivity tasks. Ensure drivers are up-to-date for optimal performance, especially for the graphics card.

7. MAINTENANCE

7.1 Cleaning

- **Exterior:** Use a soft, dry cloth to wipe the exterior of the case. Avoid liquid cleaners directly on the PC.
- **Anti-Dust Filters:** Regularly remove and clean the anti-dust filters (e.g., on the top or front panel) to prevent dust buildup and maintain optimal airflow.
- **Internal Components:** For internal cleaning, it is recommended to consult a professional or refer to detailed guides on safe PC component cleaning.

7.2 Software Updates

Regularly update your Windows operating system, drivers (especially graphics drivers), and security software to ensure system stability, performance, and protection.

7.3 System Care

- Avoid blocking ventilation openings.
- Do not place heavy objects on the PC.
- Shut down the PC properly when not in use for extended periods.

8. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, contact customer support.

Problem	Possible Solution
PC does not power on.	Check if the power cable is securely connected to both the PC and the wall outlet. Ensure the power switch on the PSU (at the back of the PC) is in the 'ON' position. Try a different power outlet.
No display on monitor / No video output.	Ensure the monitor is powered on and connected to the graphics card's HDMI port. Try a different HDMI cable or monitor. Verify the monitor input source is correctly selected.
System not booting / Stops working.	Perform a hard reset by holding the power button for 10 seconds, then power on again. If the issue persists, contact support.
Peripherals (keyboard/mouse) not responding.	Try connecting them to different USB ports. Ensure they are properly plugged in. Test with other peripherals if available.
System runs slow or freezes.	Close unnecessary applications. Check for background processes. Ensure drivers and Windows are updated. Monitor system temperatures.

9. SPECIFICATIONS

The following are the key specifications for the AQVIN AQ20 Gaming PC Desktop (32GB RAM | 1TB SSD AMD RX 580 8GB GDDR5 variant):

- **Processor:** Intel Core i7 (Hexa Core), up to 4.6 GHz
- **Graphics Card:** AMD RX 580 8GB GDDR5 (Dedicated)
- **RAM:** 32GB DDR4

- **Storage:** 1TB SSD (Solid State Drive)
- **Operating System:** Windows 11 Pro (64-bit)
- **Connectivity:** WiFi Ready, Ethernet, Multiple USB Ports (USB 2.0, USB 3.0), HDMI
- **Cooling:** Air Cooling with RGB Fans
- **Case Design:** Computer Tower with Tempered Glass Side Panel and Front Mesh
- **Dimensions:** 53 x 50 x 30 cm
- **Weight:** 10.92 kg

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Your AQVIN AQ20 Gaming PC Desktop comes with a **30-day money-back guarantee**. Additionally, AQVIN provides **lifetime free consultation** for customer support.

10.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your AQVIN AQ20 PC, please refer to the contact information provided at the point of purchase or visit the official AQVIN website for support resources.

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.

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