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> AQVIN AQ20 Gaming Tower PC Desktop User Manual

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AQVIN AQ20 Gaming Tower PC Desktop User Manual

Model: AQVIN AQ20 | Brand: AQVIN

INTRODUCTION

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your AQVIN AQ20 Gaming Tower PC Desktop. Please read this manual thoroughly before using your new computer to ensure proper function and longevity.

SAFETY INFORMATION

Observe the following safety guidelines to prevent damage to your system and ensure personal safety:

- Ensure the PC is placed on a stable, level surface with adequate ventilation.
- Do not block any ventilation openings on the PC case.
- Keep the PC away from direct sunlight, heat sources, and liquids.
- Use only the power supply unit provided or a compatible replacement.
- Disconnect the power cable before cleaning or performing any internal maintenance.
- Avoid opening the PC case unless instructed by technical support, as it may void your warranty.

PACKAGE CONTENTS

Verify that all items are present in your package:

- AQVIN AQ20 Gaming Tower PC Desktop
- Power Cable
- Wi-Fi Adapter
- RGB Gaming Mouse (if included with your specific purchase)
- RGB Gaming Keyboard (if included with your specific purchase)
- Documentation (Quick Start Guide, Warranty Information)

PHYSICAL OVERVIEW

Familiarize yourself with the external components and ports of your AQVIN AQ20 PC.

RICH I/O INTERFACE



Image: Top I/O ports of the AQVIN AQ20 PC. This image shows the top panel of the PC case, highlighting the various input/output ports and buttons available for user access. From left to right, it typically includes a Power Button, Restart Button, USB 2.0 ports, Headphone & Speaker Jack, Mic IN port, and USB 3.0 ports.

Front Panel I/O:

- **Power Button:** To turn the PC on or off.
- **Restart Button:** To restart the PC.
- **USB 2.0 Ports (x2):** For connecting peripherals such as keyboards, mice, or USB drives.
- **Headphone & Speaker Jack:** For audio output.
- **Mic IN Jack:** For microphone input.
- **USB 3.0 Port (x1):** For high-speed data transfer with compatible devices.

Rear Panel I/O:

The rear panel contains ports for video output, additional USB devices, network connectivity, and audio. Specific port availability depends on the motherboard and graphics card installed.

- **HDMI Port:** For connecting to a monitor or display.

- **DisplayPort (DP):** (May be present depending on GPU) For connecting to a monitor or display.
- **USB Ports:** Multiple USB 2.0 and USB 3.0 ports for various peripherals.
- **Ethernet Port (RJ-45):** For wired network connection.
- **Audio Jacks:** For connecting speakers, headphones, and microphones.



Image: Front view of the AQVIN AQ20 Gaming PC. This image displays the front of the computer tower, featuring a mesh design with three illuminated RGB fans visible through the mesh, showcasing the system's aesthetic lighting.

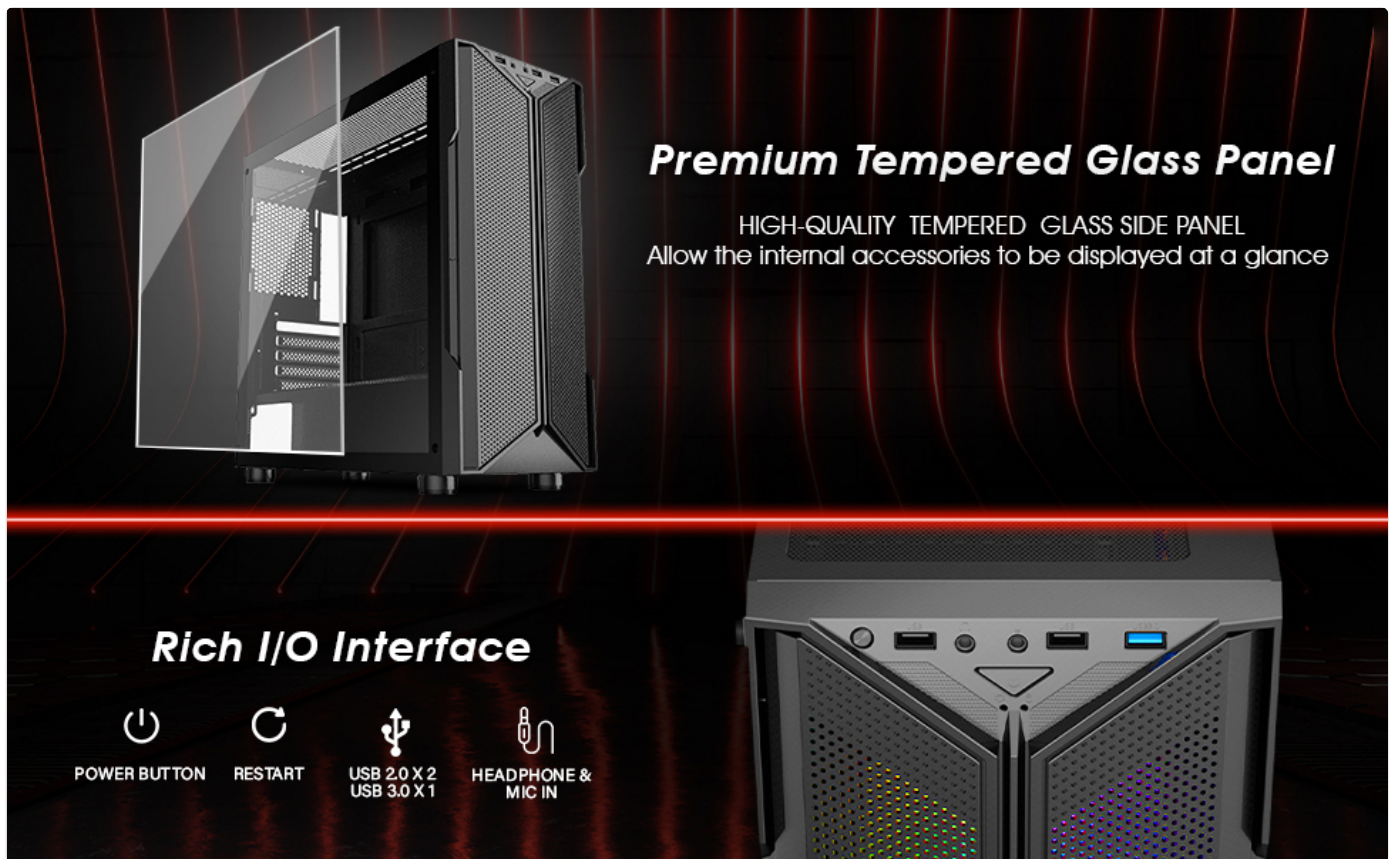


Image: AQVIN AQ20 PC with tempered glass side panel removed. This image illustrates the removable tempered glass side panel, providing access to the internal components of the PC for maintenance or upgrades.

SETUP

1. Connecting Peripherals

1. **Monitor:** Connect your monitor to the graphics card's HDMI or DisplayPort output on the rear of the PC. Ensure the cable is securely fastened.
2. **Keyboard and Mouse:** Connect your keyboard and mouse to any available USB ports on the rear or top panel.
3. **Speakers/Headphones:** Connect your audio devices to the appropriate audio jacks on the rear or top panel.
4. **Wi-Fi Adapter:** Install the provided Wi-Fi adapter into an available USB port.
5. **Ethernet (Optional):** For a wired internet connection, connect an Ethernet cable from your router to the Ethernet port on the rear panel.

2. Power Connection

1. Connect the power cable to the power supply unit (PSU) input on the rear of the PC.
2. Plug the other end of the power cable into a grounded electrical outlet.

3. Initial Power On and Windows Setup

1. Press the Power Button on the top panel of the PC.
2. The PC will boot into Windows 10 Pro. Follow the on-screen instructions to complete the initial Windows setup, including language, region, network connection, and user account creation.
3. Ensure all drivers are installed. If any drivers are missing, they can typically be found on the manufacturer's website or through Windows Update.



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*Products images are for illustrative purpose only and do not indicate actual brands.

Image: AQVIN AQ20 Gaming PC set up on a desk with monitor and peripherals. This image shows the PC tower positioned next to a monitor, keyboard, and mouse, illustrating a typical setup for use.

OPERATING

Basic Usage

- **Power On/Off:** Use the Power Button on the top panel. For a clean shutdown, use the "Shut down" option in Windows.
- **Restart:** Use the Restart Button on the top panel or the "Restart" option in Windows.
- **Connecting USB Devices:** Plug USB devices into any available USB ports.
- **Audio:** Connect headphones or speakers to the audio jacks. Adjust volume through Windows settings.

RGB Lighting Control

The AQVIN AQ20 features RGB case lighting and RGB fans. Control of these lights is typically managed through pre-installed software or dedicated buttons/controllers within the PC case. Refer to the specific RGB controller documentation or software for detailed instructions on changing colors and effects.

Wi-Fi Connectivity

Once the Wi-Fi adapter is installed, Windows 10 Pro will detect available wireless networks. Click the Wi-Fi icon in the system tray, select your network, and enter the password to connect.

MAINTENANCE

Cleaning the PC

Regular cleaning helps maintain optimal performance and extends the lifespan of your PC.

- **Exterior:** Use a soft, damp cloth to wipe the exterior of the case. Avoid harsh chemicals.
- **Dust Filters:** The AQVIN AQ20 includes anti-dust filters. Regularly remove and clean these filters to prevent dust buildup inside the case. Gently brush or vacuum dust from the filters.
- **Internal Components:** For internal cleaning, it is recommended to consult a professional or refer to specific guides for safe dust removal using compressed air, ensuring the PC is powered off and unplugged.

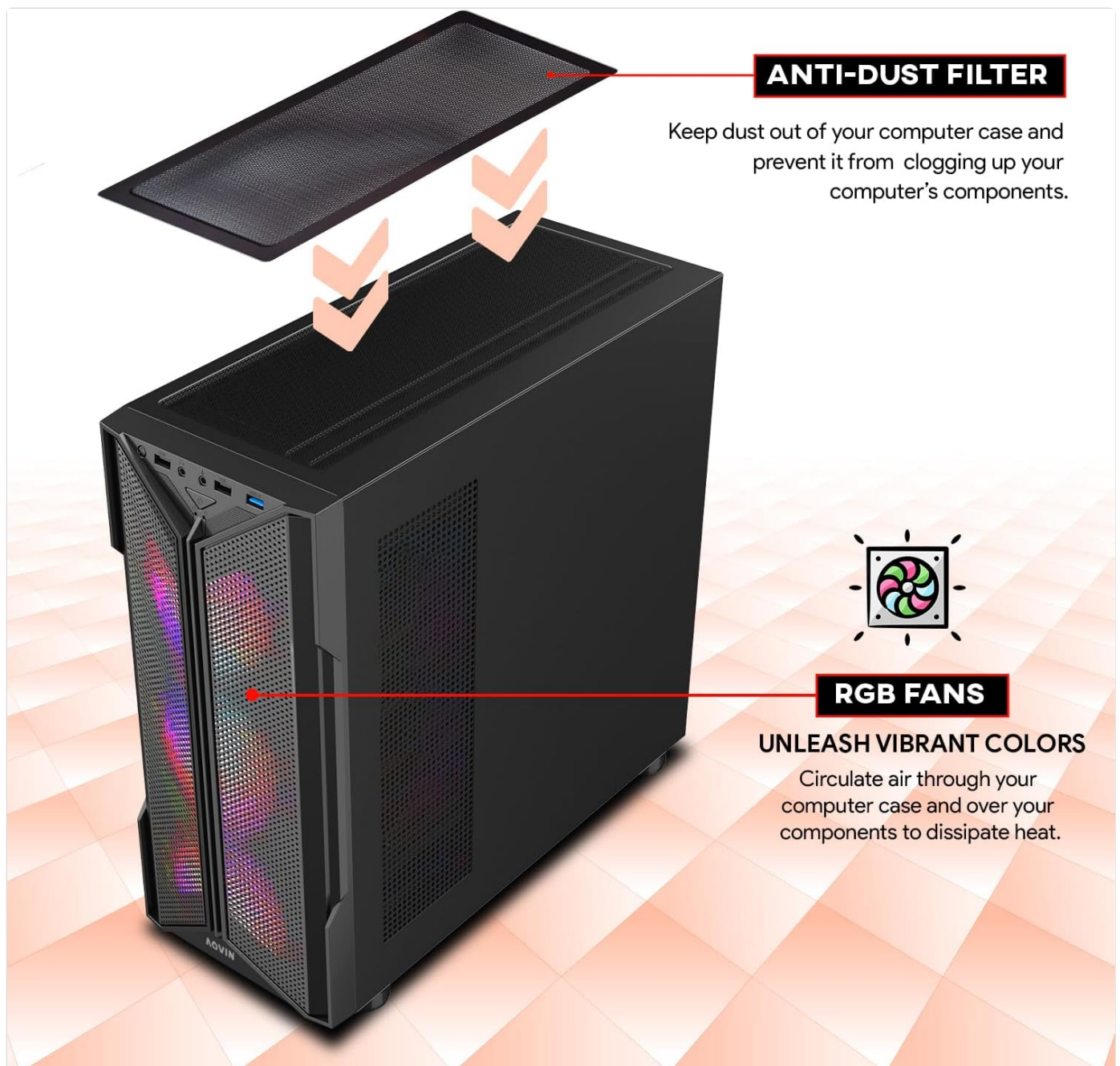


Image: AQVIN AQ20 PC with anti-dust filter and RGB fans highlighted. This image shows the top-mounted anti-dust filter being removed for cleaning, and points to the RGB fans, emphasizing their role in air circulation and heat dissipation.

Software Maintenance

- **Windows Updates:** Regularly check for and install Windows updates to ensure system stability and security.
- **Driver Updates:** Keep your graphics card drivers and other component drivers updated for optimal performance. Visit the NVIDIA website for the latest GeForce GTX 1660 Super drivers.
- **Antivirus Software:** Maintain up-to-date antivirus software to protect against malware.

TROUBLESHOOTING

This section addresses common issues you might encounter with your AQVIN AQ20 PC.

Problem	Possible Cause	Solution
PC does not power on.	Power cable not connected, power supply switch off, faulty outlet.	Ensure power cable is securely connected to PC and outlet. Check if the PSU switch (if present) is in the 'ON' position. Try a different power outlet.
No display on monitor.	Monitor cable loose, monitor off, incorrect input selected on monitor, PC not booting.	Check monitor power and cable connections. Ensure monitor is set to the correct input source (HDMI/DP). Restart the PC.
RGB lighting not working.	RGB controller disconnected, software issue, or specific settings.	Verify all internal RGB connections are secure. Check for pre-installed RGB control software and ensure it is running. Consult the RGB controller's specific instructions.
Wi-Fi not connecting.	Wi-Fi adapter not installed/detected, incorrect password, router issue.	Ensure the Wi-Fi adapter is properly installed in a USB port. Re-enter Wi-Fi password carefully. Restart your router and PC. Check device manager for Wi-Fi adapter drivers.
System performance is slow.	Too many background applications, insufficient storage, outdated drivers, dust buildup.	Close unnecessary applications. Ensure sufficient free space on the SSD. Update graphics drivers and Windows. Clean dust filters and internal components.

SPECIFICATIONS

Key technical specifications for the AQVIN AQ20 Gaming Tower PC Desktop:

- **Model:** AQVIN AQ20
- **Operating System:** Windows 10 Pro 64-bit
- **Processor:** Intel Core i7-6700 (4 Cores, 3.4 GHz base clock)
- **RAM:** 32GB DDR4 SDRAM
- **Storage:** 2TB Solid State Drive (SSD)
- **Graphics Card:** NVIDIA GeForce GTX 1660 Super GDDR6 6GB (Dedicated)
- **Connectivity:** Wi-Fi, Ethernet
- **I/O Ports (Front):** 2x USB 2.0, 1x USB 3.0, Headphone Jack, Microphone Jack, Power Button, Restart Button
- **Video Output:** HDMI (additional ports may vary by specific GPU)
- **Cooling:** Air Cooling with RGB Fans
- **Case Features:** Tempered Glass Side Panel, Anti-Dust Filters, RGB Case Lighting

WARRANTY AND SUPPORT

Your AQVIN AQ20 Gaming Tower PC Desktop comes with a comprehensive warranty and dedicated support:

- **Warranty:** 1 Year parts and labor warranty.
- **Technical Support:** Free lifetime technical support is provided.

For warranty claims or technical assistance, please contact AQVIN customer support through their official website or the contact information provided with your purchase documentation.

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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