ASUS VG27WQ1B

ASUS TUF Gaming VG27WQ1B 27-inch Curved Monitor User Manual

Model: VG27WQ1B | Brand: ASUS

Introduction

The ASUS TUF Gaming VG27WQ1B is a 27-inch curved monitor designed for an immersive gaming experience. It features a 1440P WQHD (2560 x 1440) resolution, a rapid 165Hz refresh rate, and a 1ms (MPRT) response time. This monitor incorporates Adaptive-sync/FreeSync Premium technology to minimize screen tearing and stuttering, along with ASUS Extreme Low Motion Blur (ELMB) for sharp visuals. Eye Care technology is included to reduce eye strain during extended use. Connectivity options include HDMI and DisplayPort, supporting HDR10 for vibrant colors and contrast.

Official ASUS TUF Gaming Series Overview Video. This video provides a general introduction to the TUF Gaming monitor series, highlighting key features and design philosophy.

Setup

1. Package Contents

- ASUS TUF Gaming VG27WQ1B Monitor
- Monitor Stand Base
- Monitor Stand Neck
- DisplayPort Cable
- Power Cord
- Quick Start Guide
- Warranty Card

2. Assembling the Monitor Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor. Ensure it clicks securely into place.

3. Attach the stand base to the bottom of the stand neck. Tighten the captive screw on the base to secure it.



The monitor stand offers ergonomic adjustments including +15° to -15° swivel and +23° to -5° tilt for optimal viewing comfort. It also supports VESA wall mounting.

3. Connecting the Monitor

Connect the power cord to the monitor's power input and then to a power outlet. Use the provided DisplayPort cable or an HDMI cable to connect the monitor to your computer's graphics card. Ensure all connections are secure.



The rear panel of the monitor features an Earphone Jack, two HDMI (v2.0) ports, and one DisplayPort 1.2 for versatile connectivity options.

Operating Instructions

1. Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

2. On-Screen Display (OSD) Menu Navigation

Use the joystick and buttons on the back or bottom of the monitor to navigate the OSD menu. This menu allows you to adjust various display settings.

3. Adjusting Display Settings

- **Resolution:** The monitor supports WQHD (2560 x 1440) resolution. Ensure your computer's display settings are configured to this resolution for optimal clarity.
- **Refresh Rate:** The monitor supports up to a 165Hz refresh rate. Adjust this setting in your operating system's display properties for smoother motion.



A visual comparison demonstrating the smoother motion provided by the 165Hz refresh rate compared to 60Hz.

- **Adaptive-sync/FreeSync Premium:** Enable this feature in the OSD menu and your graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.



This image highlights the benefit of FreeSync Premium technology, ensuring fluid gameplay without screen tearing.

- **HDR10:** For compatible content, enable HDR in your operating system's display settings to experience enhanced contrast and color depth.
- **ASUS Eye Care Technology:** Access the OSD menu to adjust settings like Low Blue Light and Flicker-Free to reduce eye strain.
- **GamePlus/GameVisual:** Explore these exclusive ASUS features in the OSD menu for in-game enhancements and optimized display modes for various content types.

Maintenance

1. Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.

- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray liquid directly onto the screen or monitor casing.
- Avoid using harsh chemicals, abrasive pads, or solvents.

2. General Care

- Keep the monitor away from direct sunlight, excessive heat, and humidity.
- Ensure proper ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

Troubleshooting

1. No Signal / Black Screen

- Check if the monitor is powered on and the power indicator light is active.
- Verify that the video cable (DisplayPort or HDMI) is securely connected to both the monitor and your computer's graphics card.
- Ensure your computer is powered on and not in sleep mode.
- Try switching to a different video input source on the monitor using the OSD menu.

2. Flickering or White Flashing

- This issue can sometimes occur with Adaptive-sync/FreeSync Premium. If you are using an AMD graphics card, try disabling AMD FreeSync Premium in the AMD Adrenalin software (Settings > Display).
- For NVIDIA graphics cards, check for similar adaptive refresh rate settings in the NVIDIA Control Panel and consider adjusting or disabling them if flickering persists.
- Ensure your graphics drivers are up to date.

3. Image Quality Issues (Blurry, Distorted)

- Confirm that the display resolution in your computer's settings matches the monitor's native WQHD (2560 x 1440) resolution.
- Check the video cable for any damage or loose connections.
- Perform an OSD reset to factory default settings.

Specifications

Feature	Detail
Standing screen display size	27 Inches
Screen Resolution	2560x1440
Max Screen Resolution	2560 x 1440
Brand	ASUS
Series	VG27WQ1B
Item model number	VG27WQ1B
Item Weight	12.13 pounds

Product Dimensions	18.71 x 24.03 x 8.42 inches
Item Dimensions LxWxH	18.71 x 24.03 x 8.42 inches
Color	BLACK
Voltage	100-240 Volts
Manufacturer	ASUS
ASIN	B088MKHW7M
Date First Available	September 13, 2020
Screen Size	27 Inches
Resolution	QHD Wide 1440p
Aspect Ratio	16:9
Screen Surface Description	Matte

Warranty and Support

Your ASUS TUF Gaming VG27WQ1B monitor comes with a Warranty Card included in the package. Please refer to this card for detailed warranty terms and conditions specific to your region.
For technical support, troubleshooting assistance, or service inquiries, please visit the official ASUS support website or contact their customer service department. Contact information can typically be found on the ASUS website or in the documentation provided with your product.