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## ASUS XG27AQ-W

# ASUS ROG Strix XG27AQ-W 27-inch 1440P HDR Gaming Monitor User Manual

Model: XG27AQ-W | Brand: ASUS

## INTRODUCTION

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This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your ASUS ROG Strix XG27AQ-W 27-inch 1440P HDR Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.

## PACKAGE CONTENTS

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Verify that all items listed below are present in your product package:

- XG27AQ-W Monitor
- DisplayPort cable
- HDMI cable
- USB cable
- Power cord & Adapter
- Quick Start Guide
- Warranty Card
- Color Calibration Report
- ROG Sticker



Image: ASUS ROG Strix XG27AQ-W Monitor and included accessories, including cables, power adapter, and documentation.

## SETUP INSTRUCTIONS

### 1. Assembling the Stand

Carefully place the monitor face down on a soft, clean surface to prevent scratches. Attach the stand base to the stand arm, securing it with the provided screw. Then, align the stand assembly with the mounting slot on the back of the monitor and push until it clicks into place. No screws are necessary for attaching the stand to the monitor panel.



Image: Front view of the ASUS ROG Strix XG27AQ-W monitor with its stand fully assembled.

### 2. Connecting Cables

Connect the DisplayPort or HDMI cable from your computer's graphics card to the corresponding input port on the

monitor. For USB functionality, connect the upstream USB cable from your computer to the monitor's USB upstream port. Finally, connect the power adapter to the monitor and then to a power outlet.

# Rich connectivity



Image: Rear view of the monitor highlighting the earphone jack, two HDMI (v2.0) ports, DisplayPort v1.2, and two USB 3.0 ports for rich connectivity.

## KEY FEATURES

- **27-inch QHD (2560 x 1440) FastIPS Display:** Offers an ultrafast 170Hz (overclocked) refresh rate, ideal for professional gamers and immersive gameplay.
- **1ms (GTG) Response Time:** ASUS FastIPS technology ensures sharp gaming visuals with high frame rates and minimal motion blur.
- **G-SYNC Compatible:** Delivers a seamless, tear-free gaming experience by enabling Variable Refresh Rate (VRR) by default.
- **Extreme Low Motion Blur Sync (ELMB SYNC):** This technology works with G-SYNC Compatible to

eliminate ghosting and tearing, providing sharp visuals at high frame rates.

- **High Dynamic Range (HDR) Technology:** Features a professional color gamut that meets DCI-P3 95% and DisplayHDR 400 certification for superior contrast and color performance.
- **Ergonomic Design:** The monitor stand offers extensive adjustments including height (0-100mm), swivel (+25°~-25°), pivot (0°~90°), and tilt (+20°~-5°).

## Highly detailed visuals and contrast



**1ms** **FAST IPS**

Image: The monitor screen showcasing highly detailed visuals and contrast, emphasizing its 27-inch QHD (2560 x 1440) resolution and 1ms Fast IPS technology.

# Incredible 170Hz (overclockable) Refresh Rate



Image: A comparison on the monitor screen showing the incredible 170Hz (overclockable) refresh rate on the left versus a standard 60Hz on the right, illustrating smoother motion.

# Extreme Low Motion Blur Sync

Instant real-time streaming and recording when activity is detected

ADAPTIVE-SYNC

on

ELMB (1MS MPRT)

on



Image: The monitor screen illustrating the effect of Extreme Low Motion Blur Sync (ELMB Sync) being on versus off, showing reduced motion blur for clearer visuals.

# Ergonomically designed and wall-mountable



△ Height adjustment (0~100mm)



△ Swivel (+25°~-25°)



△ Pivot: 0°~90°



△ Tilt(+20° ~ -5°)

Image: Four views of the monitor demonstrating its ergonomic design, including height adjustment, swivel, pivot, and tilt capabilities, making it wall-mountable.

## OPERATING INSTRUCTIONS

### On-Screen Display (OSD) Menu

The monitor features a 5-way OSD navigation joystick located on the rear right side for easy menu control. Press the joystick to access the main OSD menu. Use the joystick to navigate through options and adjust settings such as display modes, color settings, and gaming features.

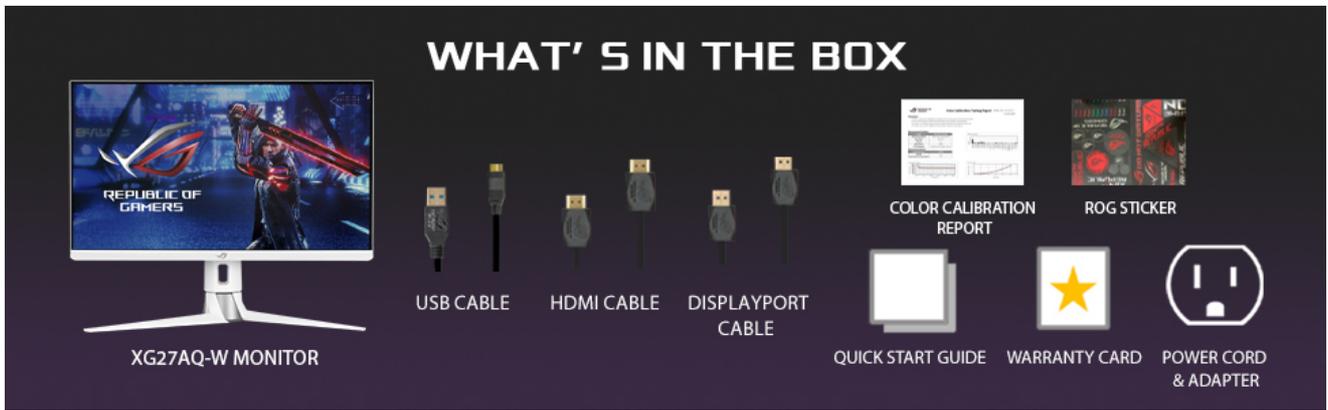


Image: Detailed rear view of the monitor showing the 5-way OSD navigation joystick, GamePlus hotkey, GameVisual hotkey, power button, and smart cable management, alongside the various input ports.

## Eye Care Technology

The monitor incorporates ASUS Eye Care technology, including Blue Light Filter and Flicker-Free technology, to reduce eye strain during prolonged use. These features can be adjusted or enabled through the OSD menu.

Your browser does not support the video tag.

Video: An official ASUS video demonstrating the benefits of ASUS EyeCare technology, including anti-glare screen, blue light filter, flicker-free technology, and ergonomic design for improved user comfort and eye health.

## SPECIFICATIONS

Feature	Specification
Screen Size	27 Inches
Screen Resolution	2560 x 1440 (QHD)
Max Screen Resolution	2560 x 1440 Pixels
Panel Type	Fast IPS
Refresh Rate	170Hz (overclocked)
Response Time	1ms (GTG)
Adaptive Sync Technology	G-SYNC Compatible
HDR Support	DisplayHDR 400
Color Gamut	DCI-P3 95%
Connectivity	2x HDMI (v2.0), 1x DisplayPort (v1.2), 1x USB 2.0 (upstream), 2x USB 3.0 (downstream), Earphone Jack
Ergonomics	Height, Swivel, Pivot, Tilt adjustable
Dimensions (LxWxH)	24 x 16 x 10 inches
Item Weight	19 pounds

Feature	Specification
Color	WHITE

## MAINTENANCE

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- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with water or a non-ammonia, non-alcohol based screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always power off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.

## TROUBLESHOOTING

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Problem	Solution
No power	Ensure the power cord is securely connected to the monitor and a working power outlet. Check the power adapter.
No image on screen	Verify the video cable (DisplayPort/HDMI) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected via the OSD menu.
Image is blurry or distorted	Check the display resolution settings on your computer and ensure they match the monitor's native resolution (2560x1440). Adjust OSD settings like sharpness or aspect ratio.
Flickering screen	Ensure the video cable is properly connected. Try a different video cable. Enable or disable Flicker-Free technology in the OSD menu if available.
No sound from earphone jack	Check the audio output settings on your computer. Ensure the volume on the monitor (via OSD) and your connected device is not muted or too low.

## WARRANTY AND SUPPORT

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Your ASUS ROG Strix XG27AQ-W monitor comes with a manufacturer's warranty. Please refer to the included Warranty Card for specific terms, conditions, and duration of coverage. For technical support, driver downloads, or further assistance, please visit the official ASUS support website or contact their customer service.

**Online Support:** [www.asus.com/support/](http://www.asus.com/support/)