ASUS 90LM09M0-B01370

ASUS ROG Strix XG259QNS Gaming Monitor User Manual

Model: 90LM09M0-B01370

INTRODUCTION

Thank you for choosing the ASUS ROG Strix XG259QNS Gaming Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.

The ASUS ROG Strix XG259QNS is a high-performance gaming monitor designed for eSports, featuring a 24.5-inch FHD (1920x1080) Fast IPS display with an overclockable refresh rate of up to 380 Hz and a rapid 0.3ms (min.) response time. It incorporates ASUS Fast IPS technology, Extreme Low Motion Blur Sync (ELMB SYNC), and AMD FreeSync™ Premium technology for an exceptionally fluid and tear-free gaming experience. Additionally, it includes practical features like a mobile phone socket in the base and a ¼-inch tripod socket on the stand for streaming setups.

SETUP

Unboxing and Assembly

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly.

- Attach the stand base to the stand neck.
- Secure the assembled stand to the monitor panel.
- Ensure all screws are tightened securely.

Figure 1: Product Design and Ergonomic Adjustments. The image displays the ASUS ROG Strix XG259QNS monitor from various angles, highlighting its ergonomic design. It shows the monitor's ability to tilt, swivel, pivot, and adjust height, along with a view of the rear panel and stand. This design allows for optimal viewing comfort and flexibility.

Connecting Your Monitor

Connect the monitor to your computer using the appropriate cables.

- Connect the power cable to the monitor and a power outlet.
- Connect a DisplayPort or HDMI cable from your computer's graphics card to the corresponding input on the monitor. For optimal performance, DisplayPort is recommended to achieve the highest refresh rates.
- Connect the USB upstream cable from the monitor to your computer to enable the monitor's USB ports and DisplayWidget Center functionality.

Figure 2: Front View of the ASUS ROG Strix XG259QNS Monitor. This image shows the monitor's front, displaying its 24.5-inch screen with key features highlighted, such as 380Hz overclockable refresh rate, 0.3ms response time, Fast IPS panel, AMD FreeSync Premium, and HDR support. The "Republic of Gamers" logo is prominently featured.

OPERATING YOUR MONITOR

Basic Operation

Once connected, power on your computer and the monitor. The monitor should automatically detect the input signal. You can use the OSD (On-Screen Display) joystick and buttons located on the back or bottom of the monitor to navigate settings.

Key Features and Technologies

- **380Hz (OC) Refresh Rate:** Designed for professional eSports gamers, this monitor offers an incredibly high refresh rate for ultra-smooth motion.
- **ASUS Fast IPS Technology:** Allows liquid crystal elements to switch up to 10 times faster than conventional IPS panels, resulting in a 0.3ms (min.) response time, virtually eliminating smearing and motion blur.
- **ASUS Extreme Low Motion Blur Sync (ELMB SYNC):** This technology enables both ELMB and variable refresh rate simultaneously, ensuring crisp gaming visuals with high frame rates by eliminating ghosting and tearing.
- **AMD FreeSync™ Premium Technology:** Delivers a super-smooth, tear-free gaming experience with low latency,

synchronizing the monitor's refresh rate with your GPU's frame rate.

- **HDR Support:** Provides superior contrast and vibrant colors for an immersive visual experience.

Figure 3: Blazingly-Fast 380 Hz Refresh Rate. This image visually compares the motion clarity between a 380Hz refresh rate monitor and a conventional monitor, demonstrating the significant reduction in motion blur and ghosting at higher refresh rates, crucial for fast-paced eSports.
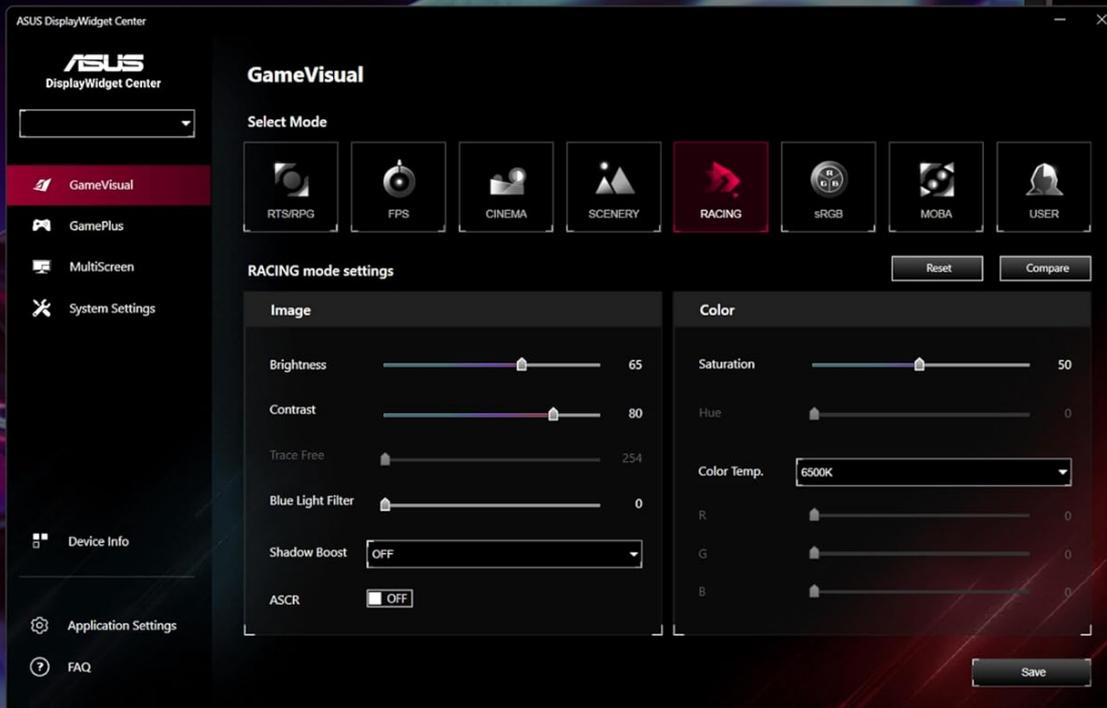
Figure 4: Top Features Overview. An infographic summarizing key features of the monitor, including 24.5" 1080p resolution, sRGB 110%, 380Hz OC refresh rate, ELMB Sync, Fast IPS, 0.3ms GTG response time, DisplayWidget Center, AMD FreeSync Premium, GamingAI features (Dynamic Crosshair, Dynamic Shadow Boost, Variable OD 2.0), and product design with phone holder.

DisplayWidget Center

The DisplayWidget Center software allows for easy access to OSD and monitor settings directly from your desktop using a mouse. This provides a more intuitive way to adjust various display parameters, including GameVisual modes, color settings, and system settings.

Figure 5: Effortless Settings Customization with DisplayWidget Center. This image shows the user interface of the ASUS DisplayWidget Center application, demonstrating how users can easily adjust monitor settings such as GameVisual modes (RTS/RPG, FPS, Cinema, Scenery, Racing, sRGB, MOBA, User), brightness, contrast, saturation, hue, color temperature, and other image settings directly from their computer.

Additional Features

- **Mobile Phone Socket:** A convenient socket integrated into the base allows you to place your cell phone directly in front of you, ensuring you don't miss any messages or notifications during use.
- **¼-inch Tripod Socket:** Located on the monitor stand, this socket enables users to mount a camera or an additional display, ideal for streaming setups or multi-monitor configurations.
- **AI-Powered Gaming Advantage:** Features like Dynamic Crosshair and Dynamic Shadow Boost enhance gameplay by improving visibility in dark areas and providing customizable crosshairs.

Figure 6: Integrated Phone Holder. This image highlights the mobile phone socket located in the monitor's base, demonstrating how a smartphone can be conveniently placed there for easy viewing of notifications or content.

Figure 7: AI-Powered Advantage. This image illustrates the benefits of AI-powered gaming features. It shows "Dynamic Crosshair" with a before-and-after comparison of a crosshair overlay, and "Dynamic Shadow Boost" with a before-and-after comparison of improved visibility in dark in-game areas.

Figure 8: Vivid Colors, Factory Checked. This image displays a color calibration report, indicating that the monitor's sRGB color gamut is 110% and that it has been factory-calibrated to ensure accurate and vivid color reproduction.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always power off the monitor when not in use for extended periods.

TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No image on screen	Power cable loose; Video cable not connected; Incorrect input source selected.	Check power connections; Ensure video cable (DisplayPort/HDMI) is securely connected to both monitor and computer; Use OSD to select correct input source.
Image is blurry or distorted	Incorrect resolution; Cable quality issue.	Set display resolution to 1920x1080; Try a different high-quality DisplayPort or HDMI cable.
No sound (if using monitor speakers)	Volume too low; Incorrect audio output device selected on PC.	Adjust monitor volume via OSD; Select the monitor as the default audio output device in your computer's sound settings.
Monitor not reaching 380Hz	Graphics card limitation; Cable limitation; Driver issue.	Ensure your graphics card supports 380Hz at 1080p; Use a certified DisplayPort 1.4 cable; Update graphics drivers to the latest version.

For further assistance, please refer to the ASUS support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	90LM09M0-B01370
Screen Size	24.5 Inches (25 Inches Standing Screen Display Size)
Resolution	FHD 1080p (1920 x 1080 Pixels)
Refresh Rate	Up to 380 Hz (Overclocked)
Response Time	0.3ms (min.) GTG
Panel Type	Fast IPS
Aspect Ratio	16:9
Brightness	400 cd/m²
Connectivity	DisplayPort, HDMI, 3 x USB Ports
Product Dimensions	8.58 x 21.97 x 19.37 inches
Item Weight	12.28 pounds
Manufacturer	ASUS
Date First Available	December 31, 2024

WARRANTY AND SUPPORT

Warranty Information

Your ASUS ROG Strix XG259QNS Gaming Monitor comes with a standard manufacturer's warranty. Please refer to the

warranty card included in your product packaging or visit the official ASUS website for detailed warranty terms and conditions specific to your region. Keep your proof of purchase for warranty claims.

Customer Support

For technical support, product inquiries, or service requests, please visit the official ASUS support website: www.asus.com/support/. You may also find FAQs and driver downloads on their website.

Related Documents - 90LM09M0-B01370

[ASUS ROG Strix XG259CMS Gaming Monitor User Guide](#)
Comprehensive user guide for the ASUS ROG Strix XG259CMS 24.5-inch Full HD Gaming LCD Monitor. Covers setup, features, OSD menu, specifications, troubleshooting, and safety information.

[ASUS ROG STRIX Power Supply Unit Quick Start Guide](#)
This document provides a quick start guide for the ASUS ROG STRIX Power Supply Unit, covering installation, safety precautions, and product features. It includes multilingual quick start information and compliance details.

[Ghid Electronic ASUS ROG Strix SCAR 18 (2023) G834 - Manual Complet](#)
Explorați manualul electronic complet pentru notebook-ul ASUS ROG Strix SCAR 18 (2023) G834. Descoperiți ghiduri detaliate despre configurarea hardware, utilizarea sistemului Windows, sfaturi de întreținere și soluții de depanare.

[ASUS ROG Strix XG259CM Gaming Monitor User Manual and Specifications](#)
A comprehensive guide to the ASUS ROG Strix XG259CM gaming monitor, covering setup, features like GamePlus and GameVisual, specifications, safety information, and troubleshooting. Learn how to connect and configure your display for an optimal gaming experience.

ASUS ROG Strix XG349C Curved Gaming Monitor User Manual
This manual provides comprehensive instructions for the ASUS ROG Strix XG349C Curved Gaming Monitor, covering setup, operation, features like GamePlus and GameVisual, and troubleshooting.

ASUS ROG Strix XG279CNS Gaming Monitor User Guide
Comprehensive user guide for the ASUS ROG Strix XG279CNS gaming monitor, covering setup, features, OSD menu, specifications, and troubleshooting.