

ASUS VG249Q3A

ASUS TUF Gaming VG249Q3A 24-inch 1080P Gaming Monitor

USER MANUAL
Model: VG249Q3A

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your ASUS TUF Gaming VG249Q3A 24-inch 1080P Gaming Monitor. Designed for immersive gaming, this monitor features a Fast IPS panel, a 180Hz refresh rate, and a 1ms response time. Please read this manual thoroughly before using your monitor to ensure proper functionality and to maximize your gaming experience.

TUF GAMING VG249Q3A

**Steadfast Durability,
Immersive Gaming**

180Hz
Rapid Refresh
Rate

FAST IPS

**Extreme Low
Motion Blur**

**AMD
FreeSync
Premium**

**99%
sRGB 1ms**



Figure 1: Front view of the ASUS TUF Gaming VG249Q3A Monitor, showcasing its design and key performance indicators.

WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present. If any item is missing or damaged, contact your retailer immediately.

- VG249Q3A Gaming Monitor
- Power Cord
- HDMI Cable
- Quick Start Guide (QSG)
- Warranty Card
- L-shaped Screwdriver

What's in the Box



VG249Q3A MONITOR



HDMI CABLE



L-SHAPED
SCREWDRIVER



QUICK START
GUIDE



WARRANTY
CARD



POWER CORD

SETUP INSTRUCTIONS

1. Assembling the Stand

1. Place the monitor panel face down on a soft, clean surface to prevent scratches.
2. Attach the stand base to the stand neck, securing it with the provided screw using the L-shaped screwdriver.
3. Connect the assembled stand to the back of the monitor panel until it clicks into place.

2. Connecting Cables

Ensure the monitor and your computer are powered off before making any connections.

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Connection:** Connect one end of the HDMI cable to your computer's HDMI output port and the other end to one of the HDMI (2.0) ports on the monitor. Alternatively, use a DisplayPort cable to connect to the DisplayPort on the monitor.
- **Audio Connection:** If desired, connect headphones or external speakers to the Earphone Jack on the monitor.

Robust Connectivity



Figure 3: Rear panel connections for video and audio input.

3. Powering On

After all connections are made, power on your computer, then press the power button on the monitor. The monitor will automatically detect the input signal.

OPERATING INSTRUCTIONS

OSD (On-Screen Display) Menu Navigation

The monitor features an intuitive OSD menu for adjusting various settings. Use the buttons located on the bottom right of the monitor to navigate and select options.

- **Power Button:** Turns the monitor on or off.
- **Joystick/Navigation Buttons:** Used to navigate through the OSD menu, select options, and adjust values.
- **Quick Access Buttons:** Often provide shortcuts to frequently used functions like input selection or GamePlus features.



Figure 4: Example of the On-Screen Display (OSD) menu for monitor settings.

Key Settings and Features

- **GameVisual:** Select from various display modes optimized for different content types (e.g., Scenery, Racing, Cinema, RTS/RPG, FPS, sRGB, MOBA, User Mode).
- **Color Settings:** Adjust Brightness, Contrast, Saturation, Color Temperature, and Skin Tone.
- **Image Settings:** Configure Sharpness, Trace Free, Aspect Ratio Control, Adaptive-Sync/FreeSync Premium, ELMB (Extreme Low Motion Blur), Shadow Boost, and Variable Overdrive.
- **Blue Light Filter:** Reduces blue light emissions to minimize eye strain. Multiple levels are available.
- **Flicker-Free Technology:** Reduces screen flickering for a more comfortable viewing experience.

Your browser does not support the video tag.

Video 1: This video demonstrates ASUS Eye Care features, including anti-glare screens, Blue Light Filter, and Flicker-Free technology, designed to reduce eye strain during extended use.

FEATURES

High Refresh Rate and Fast Response Time

The VG249Q3A monitor boasts a 180Hz refresh rate and a 1ms (GTG) response time, providing exceptionally smooth visuals and minimizing motion blur, crucial for fast-paced gaming.

Incredible 180Hz Refresh Rate and 1ms GTG



Figure 5: Visual comparison of 180Hz versus 60Hz refresh rates.

Adaptive-Sync / FreeSync Premium

AMD FreeSync™ Premium technology synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering for a fluid gaming experience.

Adaptive Sync technology for extremely fluid gameplay



AMD
FreeSync
Premium

Figure 6: Adaptive-Sync technology in action, preventing screen tearing.

Extreme Low Motion Blur (ELMB)

ASUS Extreme Low Motion Blur (ELMB) technology provides a 1ms GTG response time to eliminate smearing and motion blur. This makes moving objects appear sharper, resulting in more fluid and responsive gameplay.

Shadow Boost

ASUS Shadow Boost technology clarifies dark areas of the game without overexposing brighter areas. This improves overall viewing and makes it easier to spot enemies hidden in dark areas of the map.

INTUITIVE CONTROLS

DisplayWidget Center software* upgraded the user interface so that users can easily change monitor settings via mouse - so there's no need to access the OSD menu.

*Go to TUF Gaming VG249Q3A ASUS.com Product Page to download.

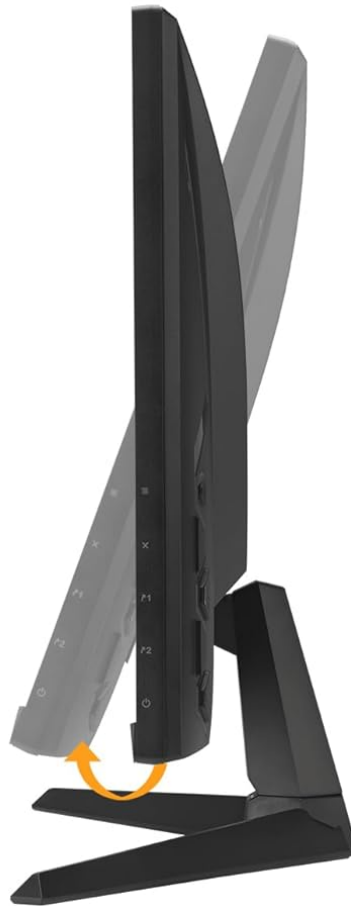


Figure 7: Shadow Boost feature enhancing visibility in dark game scenes.

Ergonomic Design

The monitor features an ergonomically designed stand that allows for tilt adjustments, ensuring a comfortable viewing angle. It is also VESA wall-mount compatible for flexible placement options.

Ergonomically designed and wall-mountable



Tilt
 $+23^{\circ} \sim -5^{\circ}$

Figure 8: Monitor tilt adjustment for ergonomic viewing.

MAINTENANCE

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen. Avoid using abrasive cleaners, waxes, or solvents.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner.
- Clean the monitor casing with a soft, dry cloth.

General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure adequate ventilation around the monitor to prevent overheating.
- Do not block the ventilation openings on the monitor casing.
- Avoid spilling liquids into the monitor.

TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common solutions:

Problem	Possible Solution
No image on screen	<ul style="list-style-type: none"> • Ensure the power cable is securely connected and the monitor is powered on. • Verify the video cable (HDMI/DisplayPort) is correctly connected to both the monitor and your computer. • Check if the correct input source is selected in the OSD menu. • Test with another video cable or another display device if possible.
Image is blurry or distorted	<ul style="list-style-type: none"> • Adjust the resolution settings on your computer to match the monitor's native resolution (1920x1080). • Check the video cable for damage or loose connections. • Reset monitor settings to factory defaults via the OSD menu.
Screen flickering	<ul style="list-style-type: none"> • Ensure Flicker-Free technology is enabled in the OSD menu. • Check for external interference from other electronic devices. • Update your graphics card drivers.
Colors are incorrect	<ul style="list-style-type: none"> • Adjust color settings (Color Temperature, Saturation) in the OSD menu. • Select a different GameVisual mode. • Ensure your graphics card color settings are properly configured.
No audio from speakers/headphones	<ul style="list-style-type: none"> • Verify the audio cable is connected (if using external speakers). • Check the volume settings on both the monitor and your computer. • Ensure the correct audio output device is selected in your computer's sound settings.

SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model Number	VG249Q3A

Feature	Detail
Screen Size	23.8 Inches
Resolution	Full HD (1920 x 1080)
Panel Type	Fast IPS
Refresh Rate	180 Hz
Response Time	1 Millisecond (GTG)
Aspect Ratio	16:9
Brightness	350 cd/m ²
Contrast Ratio	1200:1
Color Gamut	99% sRGB
Viewing Angle	178 Degrees (H/V)
Adaptive Sync	FreeSync Premium
Connectivity	2 x HDMI (2.0), 1 x DisplayPort, Earphone Jack
Speakers	Yes (Built-in)
Mounting Type	Wall Mount (VESA compatible)
Dimensions (D x W x H)	21.3" x 6.8" x 15.5" (with stand)
Weight	7.7 Pounds

WARRANTY AND SUPPORT

Your ASUS TUF Gaming VG249Q3A monitor comes with a **3-Year Warranty with Advanced Replacement (ARR)**. For detailed warranty terms and conditions, please refer to the warranty card included in your product packaging. For technical support, driver downloads, or further assistance, please visit the official ASUS support website:

[ASUS Support Website](#)