

## ASUS PG248QP

# ASUS ROG Swift Pro PG248QP Gaming Monitor User Manual

Model: PG248QP | Brand: ASUS

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ASUS ROG Swift Pro PG248QP gaming monitor. Designed for professional esports, this 24.1-inch Full HD monitor features a 540 Hz (OC) Esports-TN panel, NVIDIA G-SYNC, ULMB 2, and NVIDIA Reflex Analyzer for an optimized gaming experience.



Image 1.1: The ASUS ROG Swift Pro PG248QP monitor displaying a high-action game scene.

## 2. PACKAGE CONTENTS

Verify that all items listed below are present in your product packaging. If any items are missing or damaged, contact your retailer.

- ASUS ROG Swift Pro PG248QP Monitor
- Quick Release Stand
- DisplayPort Cable
- USB Type-B to A Cable
- HDMI Cable
- Power Cord & Adapter
- ROG Sticker
- Color Pre-calibration Report
- Quick Start Guide
- Warranty Card

# What's in the Box



PG248QP MONITOR



ROG  
DISPLAYPORT  
CABLE



ROG HDMI  
CABLE



ROG USB CABLE



ROG STICKER



ROG WELCOME  
CARD



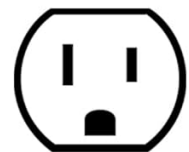
QUICK START  
GUIDE



WARRANTY  
CARD



COLOR  
CALIBRATION  
REPORT



POWER CORD

Image 2.1: All items included in the ASUS ROG Swift Pro PG248QP monitor package.

## 3. ASSEMBLY AND SETUP

### 3.1 Attaching the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Align the stand base with the monitor arm and secure it using the provided screws.
3. Attach the assembled stand to the back of the monitor until it clicks into place.

The adjustable base features retractable claws, allowing you to optimize desk space. Extend or retract the claws as needed for stability or a compact footprint.

# Adjustable Base

Frees up desk space



*Image 3.1: The adjustable base of the monitor, demonstrating its retractable claws for space optimization.*

## 3.2 Connecting Cables

Connect the necessary cables to the monitor and your computer. Ensure all connections are secure.

- **Power:** Connect the power adapter to the monitor and a power outlet.
- **Video Input:** Use either the DisplayPort 1.4 (with DSC) or one of the two HDMI (v2.0) ports to connect to your graphics card. For optimal performance, DisplayPort is recommended.
- **USB Hub:** Connect the USB Type-B to A cable from your computer to the monitor to enable the monitor's two USB 3.2 Gen 1 Type-A ports.
- **Audio:** An earphone jack is available for audio output.

# Rich Connectivity



Image 3.2: Rear view of the monitor showing available connectivity ports.

## 4. OPERATING INSTRUCTIONS

### 4.1 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.

### 4.2 On-Screen Display (OSD) Navigation

Use the joystick and buttons on the back or bottom of the monitor to navigate the OSD menu. The OSD allows you to adjust various settings such as brightness, contrast, color, input source, and gaming features.

### 4.3 Refresh Rate (540 Hz OC)

The monitor supports an overclocked refresh rate of 540 Hz. To enable this, ensure your system meets the following requirements:



- NVIDIA RTX 20 Series graphics card or above.
- Latest version of Windows OS.

Adjust the refresh rate setting within your operating system's display settings or your graphics card control panel.

#### 4.4 NVIDIA G-SYNC ULMB 2

NVIDIA G-SYNC Ultra Low Motion Blur 2 (ULMB 2) technology enhances motion clarity, providing over 2000 Hz of effective motion clarity. This feature reduces motion blur, making fast-paced action appear sharper and more fluid.

#### 4.5 NVIDIA Reflex Analyzer

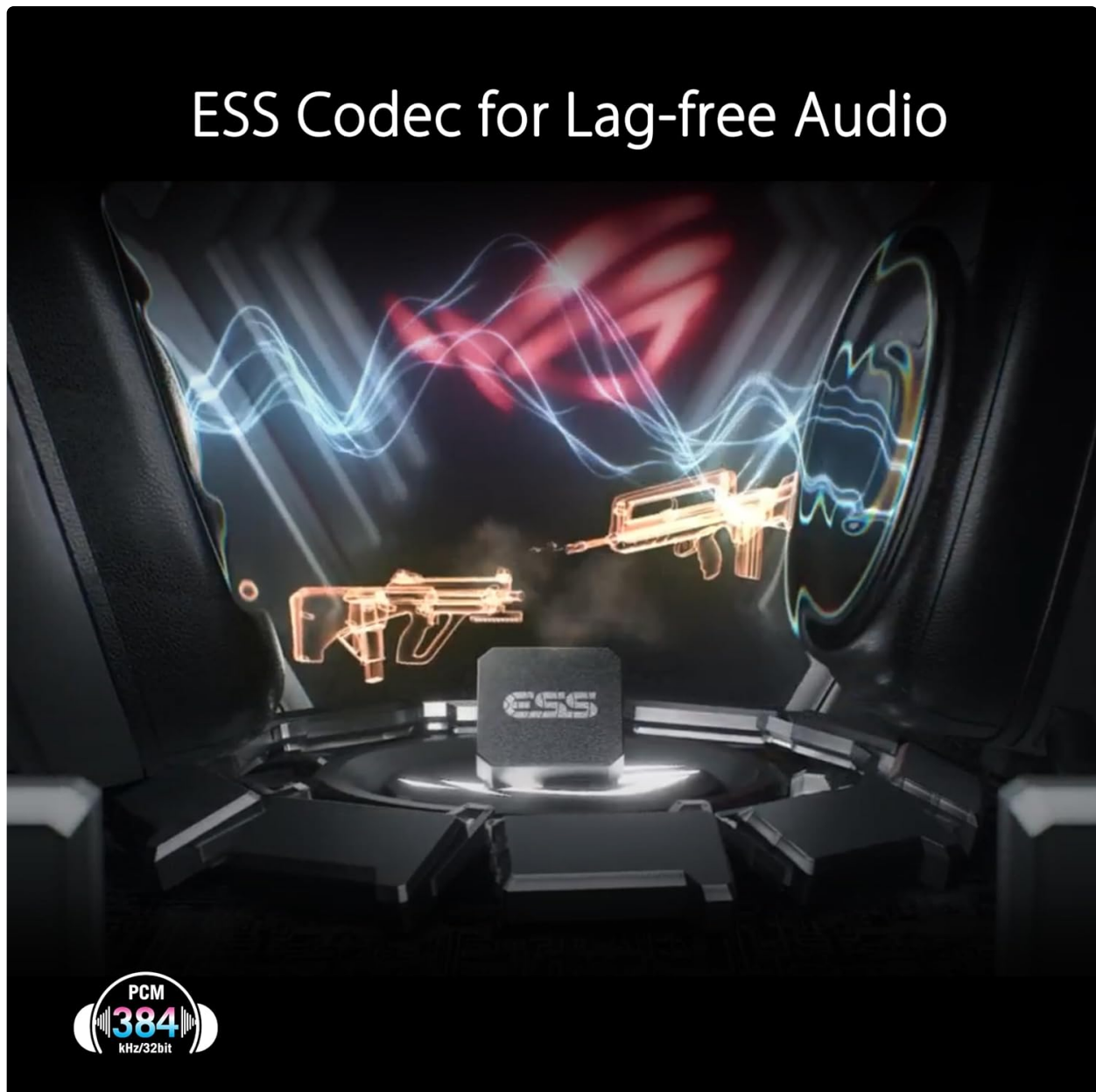
The NVIDIA Reflex Analyzer provides accurate measurements of system latency, allowing you to optimize your setup for the lowest possible input lag. Connect a compatible NVIDIA Reflex mouse to the monitor's designated USB port to utilize this feature.



Image 4.1: Monitor displaying NVIDIA Reflex Analyzer overlay with latency metrics.

#### 4.6 ESS Codec

The integrated ESS codec provides high-quality, lag-free audio, enhancing your immersive gaming experience.



*Image 4.2: Visual representation of the ESS Codec for enhanced audio.*

#### **4.7 E-TN Panel Technology**

The Esports-TN (E-TN) panel technology offers approximately 50% faster response times compared to traditional TN panels, contributing to superior motion clarity in competitive gaming.

# E-sports TN (E-TN) Panel

50% faster than traditional TN panels

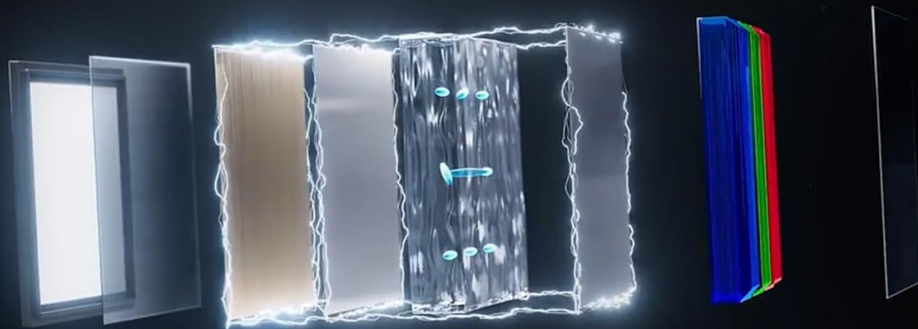


Image 4.3: Diagram showing the internal structure and enhanced responsiveness of the E-TN panel.

## 4.8 Official Product Video

For a visual overview of the monitor's features and design, please watch the official product video below.

*Video 4.1: Official product video showcasing the key features and design of the ASUS ROG Swift Pro PG248QP monitor, including its 540Hz refresh rate, E-TN panel, NVIDIA G-SYNC ULMB 2, NVIDIA Reflex Analyzer, and adjustable base.*

## 5. 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 marks, 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's casing. Avoid abrasive cleaners or



solvents.

- **Ventilation:** Ensure the monitor's ventilation openings are clear and not obstructed to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

## 6. TROUBLESHOOTING

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

Problem	Possible Solution
No image on screen	<ul style="list-style-type: none"><li>• Ensure the power cable is securely connected and the monitor is powered on.</li><li>• Verify the video cable (DisplayPort/HDMI) is correctly connected to both the monitor and your computer.</li><li>• Check if the correct input source is selected in the OSD menu.</li></ul>
Image is blurry or distorted	<ul style="list-style-type: none"><li>• Ensure the display resolution and refresh rate are set correctly in your operating system's display settings.</li><li>• Check the video cable for damage or loose connections.</li></ul>
Dead pixels or stuck pixels	<ul style="list-style-type: none"><li>• While rare, individual pixels can sometimes appear stuck or dead. Refer to ASUS's pixel policy for warranty coverage.</li><li>• Some software tools claim to fix stuck pixels; however, their effectiveness varies.</li></ul>
G-SYNC related issues (e.g., black screens)	<ul style="list-style-type: none"><li>• Ensure your graphics drivers are up to date.</li><li>• Try disconnecting and reconnecting the DisplayPort cable.</li><li>• In NVIDIA Control Panel, ensure G-SYNC is properly configured or try disabling and re-enabling it.</li><li>• Set your GPU power usage to 'prefer maximum performance' in NVIDIA settings.</li></ul>
OSD menu is glitchy	<ul style="list-style-type: none"><li>• Disconnect the power cable from the monitor for a few seconds, then reconnect it.</li></ul>

## 7. SPECIFICATIONS

Key technical specifications for the ASUS ROG Swift Pro PG248QP monitor:

Feature	Detail
Screen Size	24.1 Inches
Panel Type	Esports-TN (E-TN)
Resolution	FHD (1920 x 1080)
Max Refresh Rate	540 Hz (Overclocked)
Adaptive Sync Technology	NVIDIA G-SYNC
Motion Blur Reduction	NVIDIA G-SYNC ULMB 2
Latency Analysis	NVIDIA Reflex Analyzer
Audio Codec	ESS Codec
Connectivity	1x DisplayPort 1.4 DSC, 2x HDMI (v2.0), 2x USB 3.2 Gen 1 Type-A, 1x Earphone Jack
Adjustable Base	Yes, with retractable claws
Item Weight	16.53 pounds
Product Dimensions	24 x 8 x 10 inches
Color	BLACK

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

This ASUS ROG Swift Pro PG248QP monitor comes with a **3-year warranty**. Please refer to the included Warranty Card for detailed terms and conditions. Keep your proof of purchase for warranty claims.

### 8.2 Additional Offers

A complimentary **3-month Adobe Creative Cloud** access is included with the purchase of this product. This offer is valid from September 1, 2023, to August 31, 2025. Follow the instructions provided with your monitor to redeem this offer.






### 8.3 Technical Support

For further assistance, technical support, or service inquiries, please visit the official ASUS support website or

contact their customer service department. You can find contact information in your Quick Start Guide or on the ASUS website.

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## Related Documents - PG248QP

	<p><a href="#">ASUS ROG Swift PG27V Monitor User Manual</a></p> <p>This manual provides detailed information on the ASUS ROG Swift PG27V LCD monitor, including setup, features, OSD menu explanations, troubleshooting, and specifications. Learn how to connect cables, adjust settings, and utilize features like GamePlus and GameVisual for an enhanced gaming experience.</p>
	<p><a href="#">ASUS ROG Swift Pro PG248QP User Guide</a></p> <p>Comprehensive user guide for the ASUS ROG Swift Pro PG248QP gaming monitor, covering setup, features, specifications, and troubleshooting.</p>
	<p><a href="#">ASUS ROG Swift PG329Q User Manual</a></p> <p>Comprehensive user manual for the ASUS ROG Swift PG329Q gaming monitor, covering setup, OSD functions, specifications, troubleshooting, and safety information.</p>
	<p><a href="#">Ръководство за потребителя: Безжична геймърска мишка ASUS ROG Harpe II Ace</a></p> <p>Пълно ръководство за потребителя за безжичната геймърска мишка ASUS ROG Harpe II Ace. Открийте детайли за настройки, спецификации, функции, безопасност и гаранция за оптимално гейминг изживяване.</p>
	<p><a href="#">Ръководство на потребителя за безжична геймърска мишка ASUS ROG Harpe II Ace</a></p> <p>Подробно ръководство за потребителя на безжичната геймърска мишка ASUS ROG Harpe II Ace. Включва спецификации, настройки, инструкции за безопасност, регулаторна информация и гаранционни условия.</p>



### [ASUS ROG Swift PG27UQ Monitor User Manual](#)

Comprehensive user manual for the ASUS ROG Swift PG27UQ gaming monitor, covering setup, features like GamePlus and GameVisual, OSD menu navigation, Aura RGB lighting, troubleshooting, and technical specifications.