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› ASUS ROG Swift PG248Q Gaming Monitor User Manual

ASUS PG248Q

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Model: PG248Q

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ASUS ROG Swift PG248Q 24-inch Full HD G-SYNC Gaming Monitor. Designed for eSports, this monitor features a 180 Hz refresh rate, 1ms response time, and ASUS Eye Care technology for extended viewing comfort.



Figure 1: Front view of the ASUS ROG Swift PG248Q Gaming Monitor.

What's in the Box

Verify that all the following items are present in your product package:

- ROG SWIFT PG248Q Monitor
- 65W Power adapter
- Power cord
- DisplayPort cable
- HDMI cable
- USB 3.0 cable
- Warranty Card
- Quick start guide
- Support CD

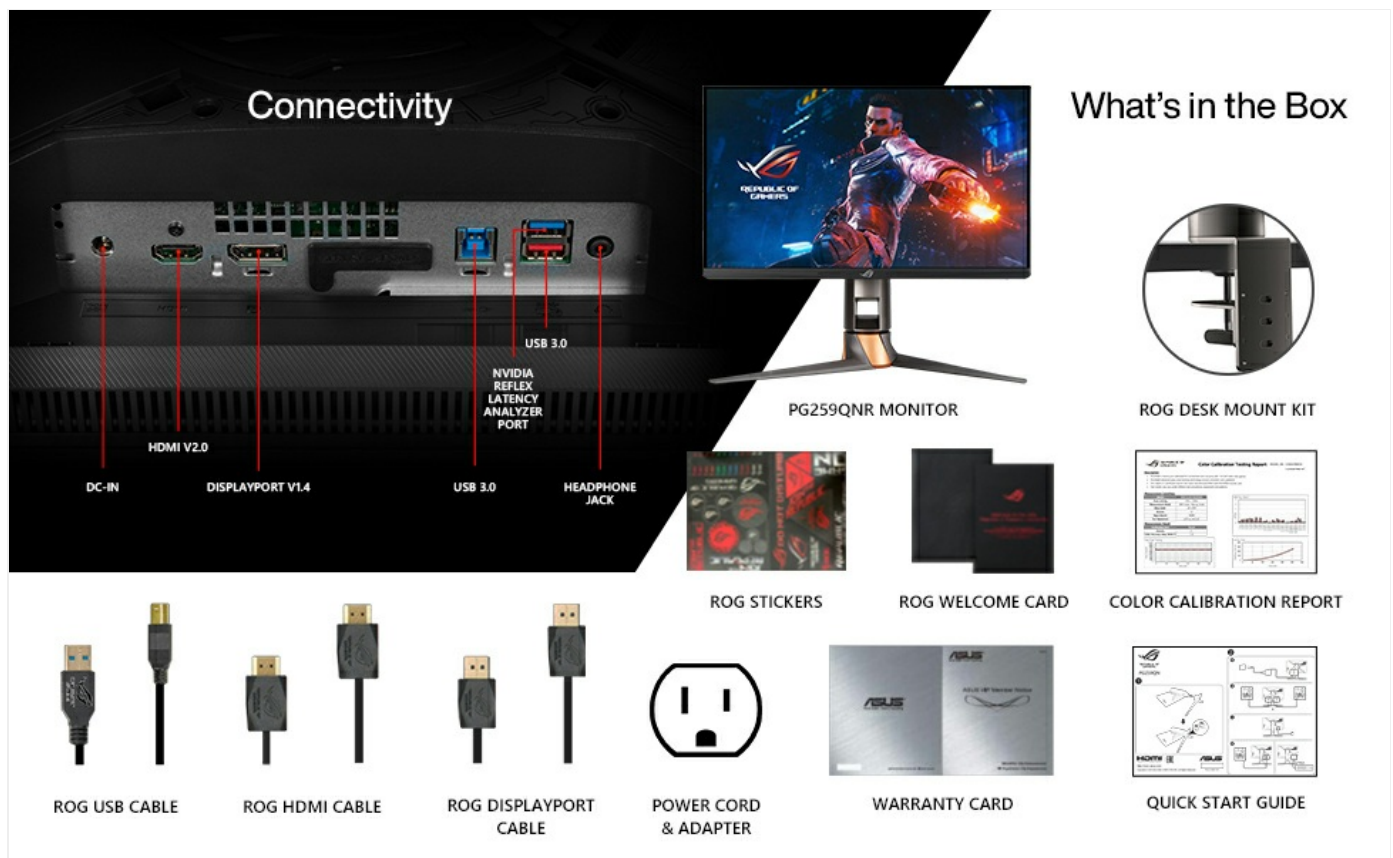


Figure 2: Illustration of included accessories and monitor connectivity ports.

SETUP

- 1. Assemble the Stand:** Attach the monitor panel to the stand base according to the quick start guide. Ensure it is securely fastened.
- 2. Connect Cables:**
 - **Power:** Connect the 65W power adapter to the monitor's DC-IN port and then to a power outlet.
 - **Video Input:** Connect either the DisplayPort cable or the HDMI cable from your computer's graphics card to the corresponding port on the monitor. For G-SYNC functionality and 180Hz refresh rate, DisplayPort is recommended.
 - **USB 3.0:** Connect the USB 3.0 upstream cable from your computer to the monitor's USB 3.0 upstream port to enable the monitor's USB 3.0 downstream ports.
- 3. Power On:** Press the power button on the monitor. Power on your computer.
- 4. Initial Display Settings:** The monitor should automatically detect the input. If not, use the OSD menu to select the correct input source.

OPERATING INSTRUCTIONS

On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick and buttons located on the back or bottom of the monitor to navigate and select options.

Adjusting Refresh Rate

The ROG Swift PG248Q supports up to a 180 Hz refresh rate. To enable this, ensure your graphics card drivers are up to date and connect via DisplayPort. You may need to enable overclocking in the monitor's OSD menu and then set the refresh rate in your operating system's display settings or graphics card control panel.



Figure 3: Visual representation of higher refresh rates for smoother gameplay (illustrative, actual monitor supports up to 180Hz).

NVIDIA G-SYNC Technology

NVIDIA G-SYNC synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and minimize stuttering. This feature requires a compatible NVIDIA graphics card and a DisplayPort connection. Enable G-SYNC in the NVIDIA Control Panel on your computer.

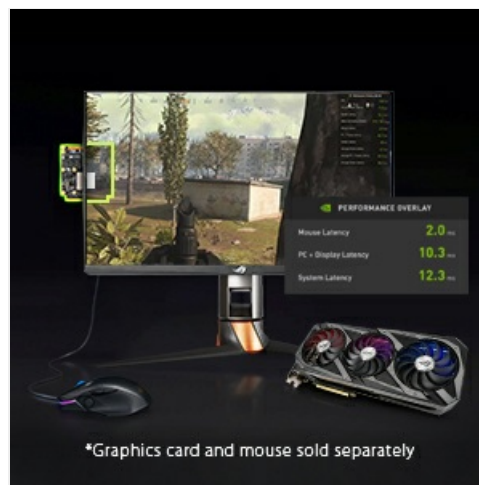


Figure 4: NVIDIA G-SYNC technology helps reduce input latency and improve responsiveness.

ASUS Eye Care Technology

This monitor incorporates Flicker-Free technology and an Ultra-Low Blue Light filter to reduce eye strain during prolonged use.

- **Flicker-Free:** This technology eliminates screen flickering, which can cause eye fatigue.
- **Ultra-Low Blue Light:** Adjust the blue light filter level through the OSD menu to reduce harmful blue light emissions.



Figure 5: Visualizing the effect of Flicker-Free technology.



Figure 6: Adjusting Ultra-Low Blue Light levels via OSD.

Ergonomic Adjustments

The monitor stand offers flexible adjustments for optimal viewing comfort:

- **Height Adjustment:** Adjust the monitor height up to 120mm.
- **Tilt:** Tilt the screen from -5° to $+20^{\circ}$.
- **Swivel:** Swivel the monitor left or right up to 25° in each direction.
- **Pivot:** Rotate the screen 0° to 90° clockwise for portrait mode.



Figure 7: Available ergonomic adjustments for the monitor stand.

MAINTENANCE

- **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 casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, ideally in its original packaging.

TROUBLESHOOTING

Problem	Possible Solution
No image on screen	Ensure the power cord is securely connected. Verify the video cable (DisplayPort/HDMI) is properly connected to both the monitor and the computer. Check if the computer is powered on and not in sleep mode. Select the correct input source via the OSD menu.

Problem	Possible Solution
Image is blurry or distorted	Adjust the display resolution to the native resolution (1920x1080). Check the refresh rate settings in your operating system. Ensure the video cable is not damaged.
Screen flickering	Ensure Flicker-Free technology is enabled in the OSD. Check for external interference from other electronic devices. Update graphics card drivers.
G-SYNC not working	Verify you have a compatible NVIDIA graphics card. Ensure the monitor is connected via DisplayPort. Enable G-SYNC in the NVIDIA Control Panel. Update graphics card drivers.

If the problem persists after attempting these solutions, please contact ASUS customer support.

SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model Number	PG248Q
Screen Size	24 inches
Resolution	Full HD 1920 x 1080p
Aspect Ratio	16:9
Refresh Rate	Up to 180 Hz (overclocked)
Response Time	1 ms
Display Type	LCD
Brightness	350 cd/
Contrast Ratio	1000:1
Connectivity	DisplayPort 1.2, HDMI, USB 3.0 (2x downstream, 1x upstream)
Adaptive Sync	NVIDIA G-SYNC
Special Features	ASUS Eye Care (Blue Light Filter, Flicker-Free)
Ergonomics	Tilt, Swivel, Pivot, Height Adjustment
Item Weight	14.6 pounds
Dimensions (D x W x H)	22.2"D x 13"W x 2.8"H (Panel only, without stand)

WARRANTY AND SUPPORT

Warranty Information

The ASUS ROG Swift PG248Q monitor comes with a 3-year warranty. Please refer to the included Warranty Card for detailed terms and conditions, including coverage and service procedures.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please visit the official ASUS support website or contact their customer service. Keep your product's serial number and proof of purchase readily available.

Official ASUS Support: www.asus.com/support/

