

## ASUS PG32UCDM

# ASUS ROG Swift 32" 4K OLED Gaming Monitor User Manual

Model: PG32UCDM | Brand: ASUS

## 1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your ASUS ROG Swift 32" 4K OLED Gaming Monitor (PG32UCDM). Please read this manual thoroughly before using the monitor to ensure proper functionality and to maximize your gaming and viewing experience.

The ROG Swift OLED PG32UCDM features a 32-inch 4K QD-OLED panel, delivering stunning visuals with a 240 Hz refresh rate and an ultra-fast 0.03 ms (GTG) response time. It incorporates third-generation QD-OLED technology for vibrant colors, deep blacks, and bright highlights. Advanced thermal management, including a custom heatsink and graphene film, helps prevent burn-in and extends the panel's lifespan. This monitor is designed for high-performance gaming and demanding visual tasks.

### Key Features:

- **32-inch 4K (3840 x 2160) QD-OLED Panel:** Offers exceptional clarity and detail.
- **240 Hz Refresh Rate & 0.03 ms (GTG) Response Time:** Ensures smooth, blur-free motion for competitive gaming.
- **Advanced Thermal Solution:** Custom heatsink and graphene film for improved heat dissipation and OLED longevity.
- **VESA DisplayHDR 400 True Black Compliance:** Delivers astonishing HDR performance with deep blacks and bright highlights.
- **Superior Color Accuracy:** 99% DCI-P3 gamut coverage, true 10-bit color, and Delta E < 2 color difference.
- **Uniform Brightness Setting:** Maintains consistent luminance levels across the screen.
- **DisplayWidget Center:** Software utility for easy access to OLED Care functions and monitor settings.
- **G-SYNC Compatible:** Provides a tear-free gaming experience.



Figure 1.1: Front view of the ASUS ROG Swift 32" 4K OLED Gaming Monitor (PG32UCDM).

## 2. WHAT'S IN THE BOX

Upon unpacking your ASUS ROG Swift PG32UCDM monitor, please verify that all the following items are included:

- PG32UCDM Monitor
- DisplayPort cable
- HDMI Ultra High Speed Cable
- Power adapter
- Power cord
- Quick start guide
- ROG pouch
- ROG sticker
- USB 3.2 cable
- USB-C cable
- VESA mount kit
- Warranty Card

# What's in the Box



PG32UCDM MONITOR



ROG DISPLAYPORT  
CABLE



ROG HDMI ULTRA  
HIGH SPEED CABLE



VESA MOUNT KIT



ROG POUCH



ROG STICKER



ROG USB-C CABLE



ROG USB 3.2 CABLE



COLOR PRE-CALIBRATION  
REPORT



QUICK START GUIDE



WARRANTY CARD



POWER CORD  
& ADAPTER

Figure 2.1: Contents of the PG32UCDM retail package.

## 3. SETUP

### 3.1 Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, ensuring it clicks securely into place.
3. Align the assembled stand with the mounting slot on the back of the monitor. Push firmly until it locks into position.
4. To detach the stand, press the release button located near the mounting slot and gently pull the stand away from the monitor.

Alternatively, you can use the included VESA mount kit to attach the monitor to a compatible wall mount or monitor



arm (100x100mm VESA standard).

# Product design

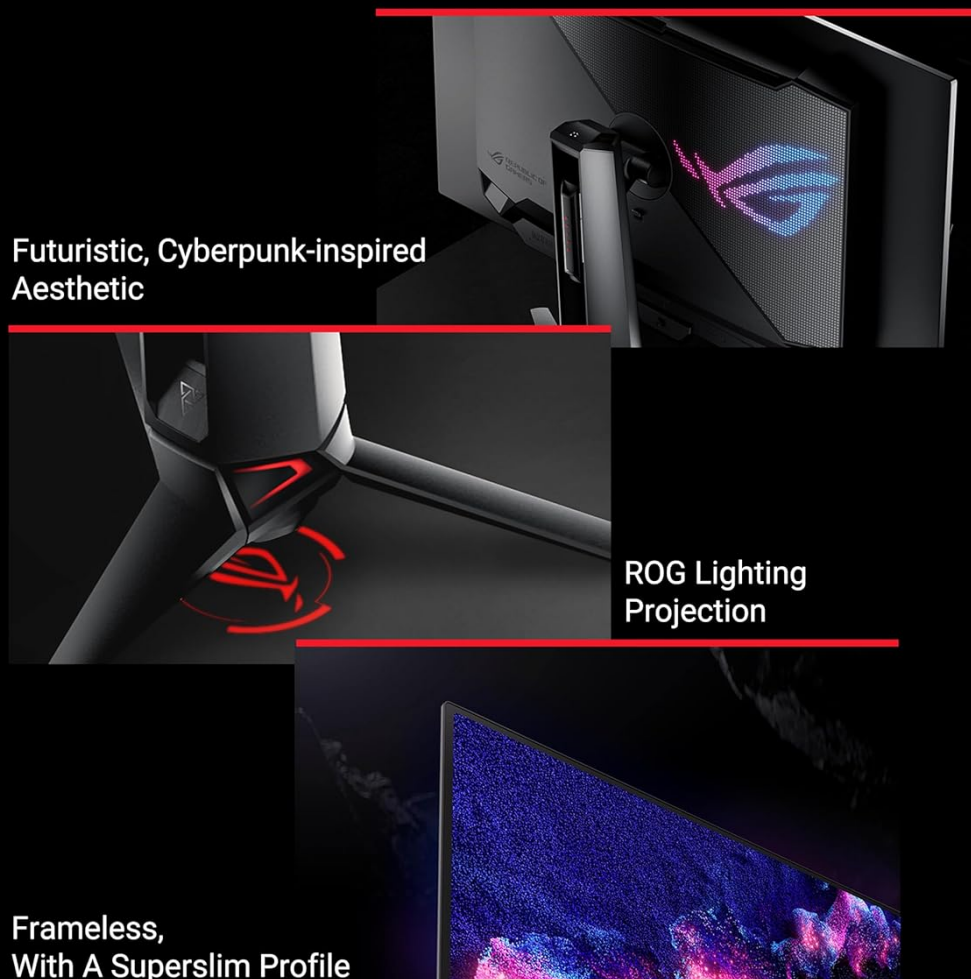


Figure 3.1: Product design highlighting the stand and slim profile.

## 3.2 Connecting Cables

Ensure the monitor is powered off before connecting any cables. Connect the appropriate cables to the corresponding ports on the monitor and your computer or other devices.

- **Power:** Connect the power adapter to the monitor's power input and then plug the power cord into a wall outlet.
- **DisplayPort:** For optimal performance, connect the included DisplayPort cable from your graphics card to the monitor's DisplayPort 1.4 (DSC) input.
- **HDMI:** Use the included HDMI Ultra High Speed Cable to connect to the monitor's HDMI 2.1 ports for high-resolution and high-refresh-rate signals.
- **USB-C:** Connect the USB-C cable for video, data, and 90W power delivery to compatible devices.
- **USB 3.2:** Connect the USB 3.2 cable from your computer to the monitor's upstream USB port to enable the monitor's USB hub functionality.



Figure 3.2: Rear view of the monitor with port labels (DisplayPort, HDMI, USB-C, USB).

## 4. OPERATING THE MONITOR

### 4.1 Powering On/Off

Press the power button located on the monitor to turn it on or off. The power LED will indicate the monitor's status.

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

The monitor features an intuitive 5-way joystick for navigating the OSD menu. Press the joystick inwards to open the OSD menu. Use the joystick to move up/down/left/right to select options and adjust settings. Press inwards again to confirm selections.

- **GameVisual:** Select from various display modes optimized for different content types (e.g., FPS, RPG, Cinema, sRGB).
- **Color:** Adjust brightness, contrast, saturation, color temperature, and gamma.
- **Image:** Configure settings like sharpness, aspect ratio, and Dynamic Dimming.
- **Input Select:** Manually switch between DisplayPort, HDMI, and USB-C inputs.
- **System Setup:** Access general monitor settings, including OSD language, OSD timeout, and LED indicators.
- **OLED Care:** Access specific OLED protection features (detailed in Section 5).



Figure 4.1: The DisplayWidget Center interface, providing access to OLED Care and other settings.

### 4.3 G-SYNC Compatibility

The ASUS ROG Swift PG32UCDM is G-SYNC Compatible, ensuring a smooth, tear-free gaming experience by synchronizing the monitor's refresh rate with your NVIDIA graphics card's frame rate. Ensure G-SYNC is enabled in your NVIDIA Control Panel settings for optimal performance.

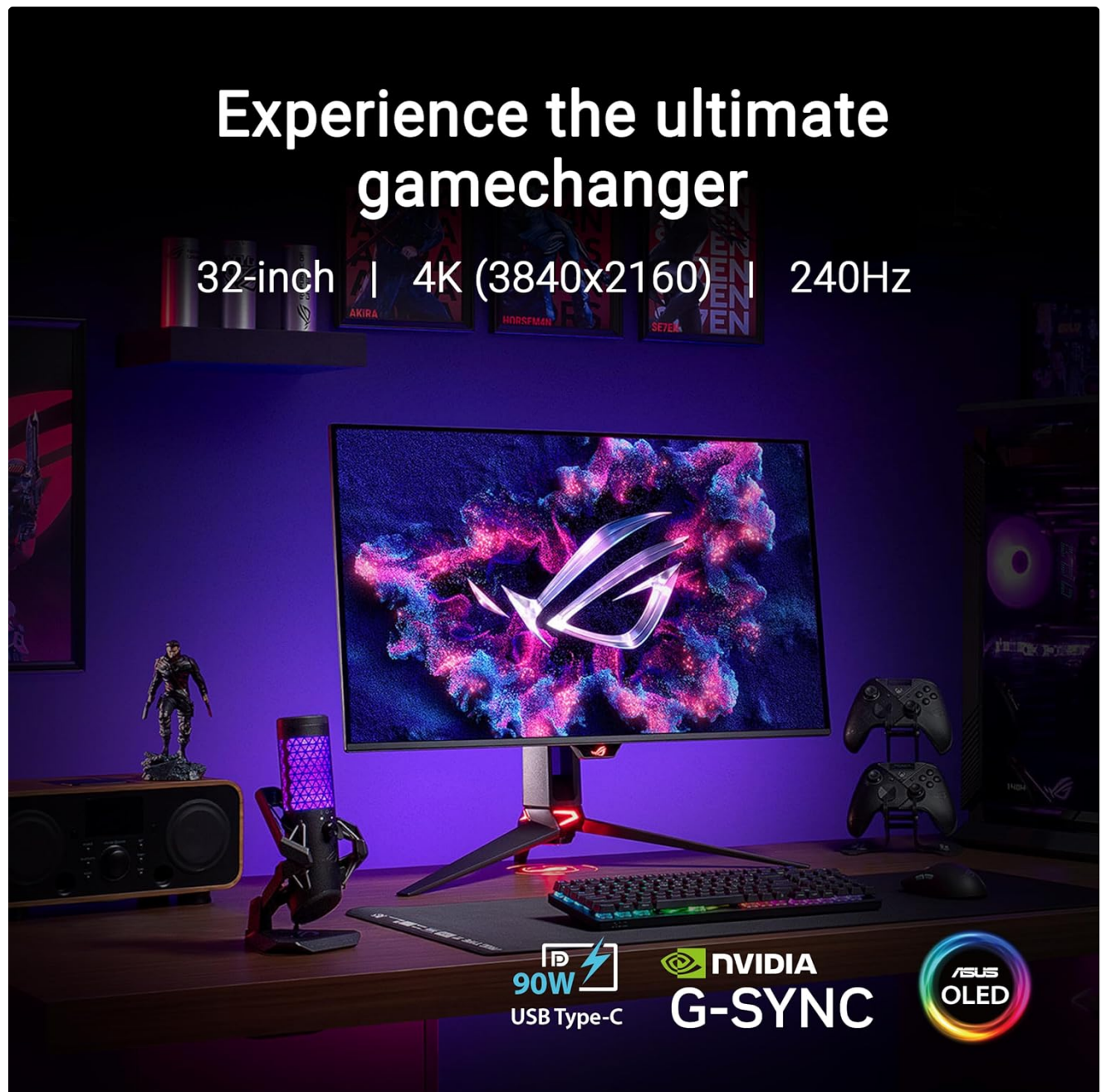


Figure 4.2: The monitor integrated into a gaming environment, showcasing its capabilities.

## 5. MAINTENANCE AND OLED CARE

To ensure the longevity and optimal performance of your OLED monitor, ASUS has implemented several OLED Care functions. These functions help mitigate the risk of image retention (burn-in) and maintain picture quality over time.

### 5.1 OLED Care Functions:

- **Screen Saver:** Automatically dims the screen brightness when no movement is detected for a period of time. This reduces static image exposure.
- **Adjust Logo Brightness:** Automatically adjusts the brightness of static logos or UI elements to prevent potential image quality issues.
- **Uniform Brightness:** Ensures consistent luminance levels across the entire screen, which can be beneficial for prolonged viewing and reduces eye strain.



Figure 5.1: Visual comparison of Uniform Brightness setting (left: ON, right: OFF).

- **Pixel Cleaning:** A process that detects and corrects pixel degradation. This should be run periodically (e.g.,



every 4 hours of use) or when prompted by the monitor. The process takes approximately 6 minutes.

- **Pixel Refresh:** A shorter process that helps prevent temporary image retention by refreshing the pixels. This typically runs automatically after a certain period of use or when the monitor is turned off.
- **Screen Move:** Slightly shifts the displayed image by a few pixels to prevent static elements from causing burn-in. This movement is usually imperceptible during normal use.

These functions can be accessed and configured via the OSD menu under "OLED Care" or through the ASUS DisplayWidget Center software.

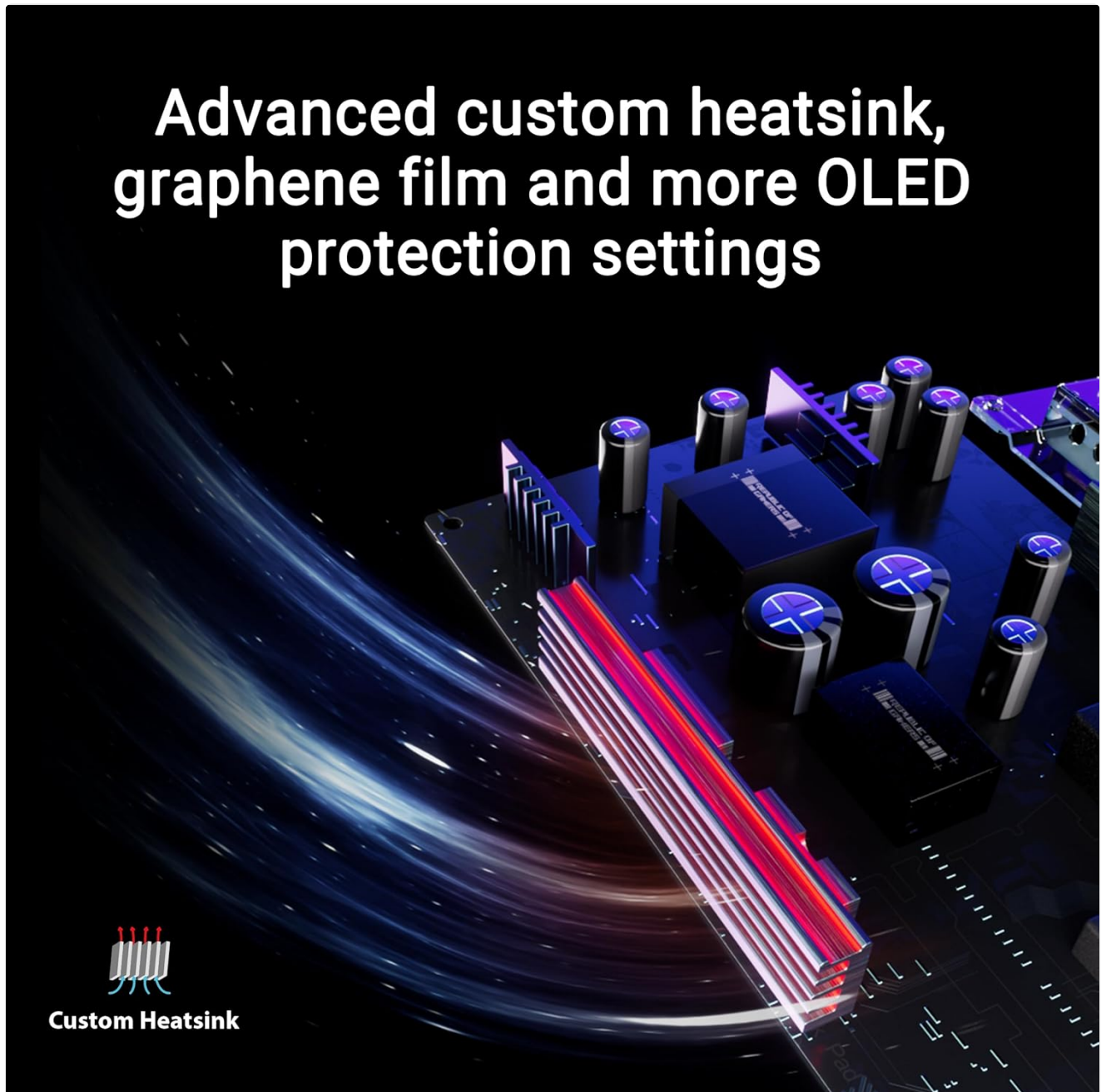


Figure 5.2: Illustration of the advanced custom heatsink and graphene film for thermal management.

## 6. TROUBLESHOOTING

If you encounter issues with your monitor, please refer to the following common troubleshooting steps before contacting technical support.



### 6.1 No Power / No Display

- Ensure the power cord is securely connected to the monitor and a working power outlet.
- Verify the power adapter is correctly connected to the monitor.
- Check if the power indicator light on the monitor is on. If not, try a different power outlet.
- Press the monitor's power button to ensure it is turned on.

### 6.2 No Signal / Blank Screen

- Confirm that the video cable (DisplayPort, HDMI, or USB-C) is securely connected to both the monitor and your computer's graphics card.
- Ensure your computer is powered on and not in sleep mode.
- Use the OSD menu to manually select the correct input source (e.g., DisplayPort, HDMI 1, HDMI 2, USB-C).
- Try connecting the monitor to a different video output port on your graphics card or a different device to rule out a port issue.
- If using a desktop PC, ensure your graphics card drivers are up to date.

### 6.3 Image Quality Issues

- **Flickering/Distorted Image:** Check video cable connections. Ensure the refresh rate and resolution settings in your operating system match the monitor's capabilities.
- **Incorrect Colors:** Reset OSD color settings to default. Ensure your graphics card drivers are installed correctly. Consider running a color calibration.
- **Image Retention (Temporary):** This is normal for OLED panels and usually resolves itself. Utilize the OLED Care functions (Pixel Refresh, Pixel Cleaning) as described in Section 5. Avoid displaying static images for extended periods.
- **Brightness Inconsistency:** Enable the "Uniform Brightness" setting in the OSD or DisplayWidget Center.

## 7. SPECIFICATIONS

Feature	Description
Brand	ASUS
Model Number	PG32UCDM
Screen Size	32 Inches
Panel Type	QD-OLED
Resolution	4K UHD (3840 x 2160)
Refresh Rate	240 Hz
Response Time (GTG)	0.03 ms

Feature	Description
HDR Support	VESA DisplayHDR 400 True Black
Color Gamut	99% DCI-P3
Color Depth	True 10-bit
G-SYNC Compatibility	Yes
Connectivity	DisplayPort 1.4 (DSC), HDMI 2.1 (x2), USB-C (90W PD), USB 3.2 Hub
Power Delivery (USB-C)	90W
VESA Mount	100 x 100 mm
Item Weight	19.4 pounds
Product Dimensions (LxWxH)	21 x 38 x 49 inches
Color	BLACK
Country of Origin	China
First Available Date	February 26, 2024

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

The ASUS ROG Swift 32" 4K OLED Gaming Monitor (PG32UCDM) comes with a **3-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. Please refer to the Warranty Card included in your product package for detailed terms and conditions, including specific coverage for OLED panels and burn-in.

Optional extended protection plans may be available for purchase. Please check with your retailer or ASUS official channels for more information.



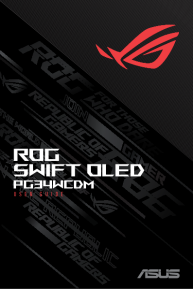

### 8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact ASUS Customer Support:

- **ASUS Support Website:** Visit [www.asus.com/support/](http://www.asus.com/support/) for drivers, FAQs, and online support resources.
- **Phone Support:** Refer to the ASUS support website for regional contact numbers.
- **Email Support:** Available through the support portal on the ASUS website.

When contacting support, please have your monitor's model number (PG32UCDM) and serial number ready. The serial number is typically located on a sticker on the back of the monitor.

## Related Documents - PG32UCDM

	<p><a href="#">ROG SWIFT OLED PG32UCDMR: Руководство пользователя ASUS</a></p> <p>Подробное руководство пользователя для игрового OLED-монитора ASUS ROG SWIFT OLED PG32UCDMR. Информация о настройке, функциях, технических характеристиках и устранении неполадок.</p>
	<p><a href="#">ASUS ROG Swift OLED PG32UCDM User Guide</a></p> <p>User guide for the ASUS ROG Swift OLED PG32UCDM monitor, covering product introduction, setup, general instructions, and troubleshooting.</p>
	<p><a href="#">ASUS ROG Swift OLED PG34WCDM User Guide: Enhance Your Gaming Experience</a></p> <p>Explore the ASUS ROG Swift OLED PG34WCDM, a premium gaming monitor featuring an immersive OLED display, ultra-fast response times, and advanced gaming technologies. This user guide provides comprehensive setup, operation, and troubleshooting information for optimal performance.</p>
	<p><a href="#">ASUS ROG Swift OLED PG39WCDM User Guide</a></p> <p>Comprehensive user guide for the ASUS ROG Swift OLED PG39WCDM monitor, detailing setup, features, OSD navigation, gaming enhancements like GameVisual and Aura Sync, specifications, and troubleshooting tips.</p>





[ASUS ROG Strix OLED XG32UCWG User Guide](#)

Comprehensive user guide for the ASUS ROG Strix OLED XG32UCWG monitor, covering setup, features, OSD menu, troubleshooting, and specifications for an optimal viewing experience.



[ASUS ROG Strix OLED XG32UCWGMG User Guide](#)

User guide for the ASUS ROG Strix OLED XG32UCWGMG monitor, covering setup, features like GamePlus and Aura Sync, and safety information.