PG32UCDMR

Asus PG32UCDMR ROG Swift 32" OLED Gaming Monitor

Product Overview

Asus ROG Swift OLED PG32UCDMR Gaming Monitor - 32-inch (31.5 inch viewable) 4K (3840 x 2160) QD-OLED panel, 240 Hz, 0.03 ms (GTG), G-SYNC compatible, custom heatsink, Neo Proximity Sensor, uniform brightness, 99% DCI-P3, OLED Care Pro, 90 W Type-C, and ASUS DisplayWidget Center, DisplayPort(TM) 2.1a UHBR20 (80Gbps full bandwidth)











Specifications

About this product

The Asus ROG Swift OLED PG32UCDMR is a 32-inch 4K gaming monitor featuring a QD-OLED panel with ultra-fast 240 Hz refresh rate and 0.03 ms GTG response time. G-SYNC compatible and equipped with a custom heatsink and Neo Proximity Sensor, it delivers vibrant colors, uniform brightness, and immersive gaming performance with 99% DCI-P3 coverage.

Overview Summary

Product: Asus ROG Swift OLED PG32UCDMR Gaming Monitor

The Asus ROG Swift OLED PG32UCDMR combines cutting-edge QD-OLED technology with a 32-inch 4K display for unmatched gaming visuals. The monitor supports a 240 Hz refresh rate and an incredibly fast 0.03 ms response time, ensuring smooth, blur-free motion during fast-paced gaming. Its G-SYNC compatibility synchronizes frames for tear-free gameplay.

With 99% DCI-P3 color coverage and uniform brightness, this monitor delivers vibrant and consistent visuals. Features like the Neo Proximity Sensor, custom heatsink, and OLED Care Pro ensure reliability, longevity, and optimal performance. The DisplayPort 2.1a UHBR20 and 90 W Type-C(RegTM) connectivity allow high-speed data and power delivery for versatile setups.

Performance tier: Enthusiast

Uses: Gaming, content creation, multimedia, competitive esports, high-fidelity video editing

Quick Specifications:

- Screen size: 31.5 inches
- Flat or curve: Flat
- Panel type: QD-OLED
- Aspect ratio: 16:9
- Resolution: 3840 x 2160
- Refresh rate: 240 Hz
- Brightness (nits): Uniform brightness technology
- Contrast ratio: -
- View angle (degrees): 178 degrees
- Response time (ms): 0.03 ms GTG
- Frequency (Hz): 240 Hz
- Sync: G-SYNC Compatible
- Video ports: 1 x DisplayPort 2.1a, 2 x HDMI 2.1, 1 x USB-C 90 W
- VESA: 100 x 100 mm
- Monitor performance tier: Enthusiast
- Uses: Gaming, esports, content creation, multimedia

Strong reasons to buy

- Ultra-fast 240 Hz refresh rate and 0.03 ms response time for competitive gaming
- QD-OLED panel with 99% DCI-P3 for vibrant and accurate colors
- G-SYNC compatibility for tear-free visuals
- Advanced cooling with custom heatsink for reliable performance
- Neo Proximity Sensor and OLED Care Pro for longevity and safety

Description

The Asus ROG Swift OLED PG32UCDMR is designed for gamers who demand the highest visual fidelity and responsiveness. Its QD-OLED panel delivers rich colors and deep blacks, while the ultra-fast 240 Hz refresh rate ensures fluid motion without ghosting. The Neo Proximity Sensor automatically adjusts brightness when you step away, and OLED Care Pro extends the panel's lifespan. Its versatile connectivity, including DisplayPort 2.1a and 90 W Type-C(RegTM), supports multiple devices and high-speed data transfer.

Features

Experience top-tier gaming and content creation with features that enhance performance and usability:

- 31.5-inch 4K QD-OLED panel for crisp and immersive visuals
- Ultra-fast 240 Hz refresh rate and 0.03 ms GTG response time
- G-SYNC compatible for smooth gameplay without tearing
- 99% DCI-P3 color coverage with uniform brightness for professional color accuracy
- Neo Proximity Sensor for adaptive brightness and energy savings
- Custom heatsink for efficient thermal management
- OLED Care Pro to reduce burn-in and extend panel lifespan
- Multiple connectivity options including DisplayPort 2.1a and 90 W USB-C
- ASUS DisplayWidget Center for easy on-screen adjustments

The Chosen One
The ROG Swift OLED PG32UCDMR boasts a 32-inch 4K QD-OLED panel that delivers astounding visuals at a buttery-smooth 240 Hz. Powered by third-generation QD-OLED technology, the PG32UCDMR delivers vibrant colors, the deepest black hues, and the brightest highlights. Plus, the 0.03 ms response time ensures blur-free action, even in intense gameplay. Inside, an advanced custom heatsink offers exceptional cooling to reduce the likelihood of burn-in and improve performance and longevity of the OLED panel. This premium monitor is designed for gamers who demand the very best, offering an unbeatable combination of size, image quality, and refresh rate speed for exhilarating gaming experiences.

Experience the Ultimate Game changer
The 32-inch 4K QD-OLED panel of the PG32UCDMR opens up a world of unbelievably lifelike gaming and entertainment experiences. Plus, a 240 Hz refresh rate ensures buttery-smooth visuals and eliminates motion blur to give you the edge in fast-paced games.

Unlock the future with DisplayPort 2.1a
The PG32UCDMR features the future-ready DisplayPort 2.1a UHBR20 with full 80Gbps bandwidth, supporting 4K at 240Hz or 8K at 60Hz visuals without compression while offering improved data-transmission efficiency. Additionally, the PG32UCDMR includes USB-C(RegTM) with 90-watt Power Delivery, HDMI(RegTM) 2.1 ports and a USB hub to accommodate a wide array of multimedia devices.

Detailed visuals and clearly defined text
Latest-generation QD-OLED panels take advantage of a unique sub-pixel layout that provides clearer, more detailed visuals and crisper text to upgrade viewing experiences.

Advantages of QD-OLED technology
The PG32UCDMR's QD-OLED panel boasts a 99% DCI-P3 wide color gamut, delivering accurate color reproduction for professional tasks. Its infinite contrast ratio ensures deep blacks and vibrant colors, creating immersive visuals for both gaming and creative endeavors. The incredibly low latency further enhances its appeal, providing smooth and responsive performance for demanding applications.

YOUR MONITOR, YOUR WAY
The PG32UCDMR monitor is a versatile powerhouse designed to excel in gaming, streaming, and content creation. Its high

refresh rate, low response time, and vivid colors deliver a seamless, immersive experience for gamers. The wide viewing angle and built-in tripod socket make it perfect for streaming, while its accurate color reproduction, with a exceptional color accuracy and wide color gamut, ensures professional-grade content creation.

Game in Ultravivid HDR
The PG32UCDMR supports various HDR formats including HDR10 and Dolby Vision to deliver unmatched brightness, colors, and contrast. Both can be quickly turned on or off via the OSD menu.

ASUS OLED CARE PRO
New ASUS OLED Care Pro technology provides a full set of customizable monitor settings to protect the OLED panel and ensure longevity. Plus, it includes the new Neo Proximity Sensor that detects your distance from the monitor and transitions to a black image when you're away to safeguard the panel from burn-in. All settings can be easily managed via DisplayWidget Center.

Neo Proximity Sensor
The built-in Neo Proximity Sensor precisely detects your distance from the monitor. When you step away, the monitor transitions to a black image to protect against panel burn-in, and instantly restores onscreen content when you return. Detection distance can be customized to suit personal preference, ensuring maximum convenience and protection.

Pixel cleaning
Recalibrates the screen when the monitor has been active for several hours-a process that takes just a few minutes and activates automatically when the monitor is turned off*

SCREEN MOVE
Pixel locations are slightly shifted periodically to help prevent burn-in, and users can choose between several movement levels.

Boundary detection
Dynamically detects the boundary of the black bars and reduces the brightness and also slightly shifts the pixel of the near borders.

SCREEN SAVER
Automatically dims the screen after two minutes of inactivity.

Logo brightness adjustment
Automatically detects static onscreen logos and reduces their brightness to correct for potential picture-quality issue.

Taskbar detection
Dynamically detects the taskbar and reduces brightness around it to avoid burn-in.

Outer dimming control
Automatically identifies and adjusts the brightest areas of the screen to reduce the risk of burn-in.

Global dimming control
Dynamically adjusts the overall brightness of the display to reduce the risk of burn-in.

Target mode
Dims the entire screen, except for a selected pinned window, which maintains its current brightness setting.

Worry-free OLED Monitor
ROG OLED monitors are engineered to deliver stunning visuals for years to come. An innovative custom heatsink and a unique internal airflow improve cooling and reduce the risk of burn-in.

Uniform brightness
When activated, the ROG-exclusive Uniform Brightness setting within the OSD menu decreases peak brightness to keep levels consistent for better viewing, even when changing the size of bright white windows. It makes marathon gaming sessions more comfortable by reducing potential stress on the eyes due to extreme brightness shifts.

DisplayWidget Center
Take your monitor to the next level with DisplayWidget Center, a powerful monitor management software designed to help you optimize, personalize, and fully utilize your display via a mouse - so there's no need to access the OSD menu. Additionally, DisplayWidget Center notifies you of the latest firmware updates and includes a direct update option. You can also import or export display configurations for sharing.

PLAY SMARTER WITH AI ASSISTANT
The AI Assistant in PG32UCDMR includes AI Visual, AI Crosshair, and AI Shadow Boost. These features leverage AI technology to help you practice more effectively to improve your gaming.

AI Crosshair
Automatically changes the crosshair to a color that contrasts with the background, so it stands out for more accurate aim.

AI Shadow Boost
Automatically enhances dark areas of the scene to make it easier to spot enemies hiding in dim areas of the map.

AI Visual
Automatically detects what's onscreen and adjusts to provide the best default or user-preset monitor settings through DisplayWidget Center.

ASPECT RATIO CONTROL
If you prefer playing on a smaller monitor, the PG32UCDMR also supports a range of aspect ratios, allowing you to choose between 24.5" (esports mode) and 27" imagery.

Superb smoothness and responsiveness
The PG32UCDMR features AMD FreeSync(TM) Premium Pro technology and NVIDIA(RegTM) G-SYNC(RegTM) compatibility, ensuring super-smooth, tear-free visuals with low latency.

Futuristic, cyberpunk-inspired aesthetic
Boasting design features that exude a premium, modern look, PG32UCDMR also includes a tripod socket.

ROG Lighting Projection
A projected ROG logo at the base of the monitor adds a gaming vibe to any setup.

Frameless, with a superslim profile
A frameless design allows for more immersive viewing, and a superslim profile ensures that PG32UCDMR takes up minimal desktop space.

DYNAMIC SHADOW BOOST
ASUS Dynamic Shadow Boost uses ROG Gaming AI technology to automatically enhance dark areas of the screen, making it easier to spot enemies hiding in dim corners of the map.

GAMEPLUS
The ASUS-exclusive integrated GamePlus hotkey offers in-game enhancements. Co-developed with input from pro gamers, GamePlus functionality enables you to practice and improve gaming skills with the ROG Gaming AI technology-enhanced Dynamic Crosshair.

GAMEVISUAL
ASUS GameVisual technology offers seven pre-set display modes to optimize visuals for different types of content. This unique feature can be easily accessed through a hotkey or via the OSD settings menu.

FLICKER-FREE TECHNOLOGY
TÜV Rheinland-certified ASUS Flicker Free technology eliminates flicker, ensuring comfortable viewing experiences. This technology helps minimize eyestrain and other potential issues typically associated with extended hours of viewing.

LOW BLUE LIGHT TECHNOLOGY
The new hardware-based ASUS Low Blue Light technology reduces potentially harmful high-energy blue-light emissions while offering color performance that's better than monitors with software-based filtering solutions.

Enhance Gaming with 4K on Consoles and the ROG Ally X Handheld*
Enjoy truly immersive 4K** gaming with sharper imagery and clearer text on PlayStation 5, Xbox Series X, Nintendo Switch 2 and ROG Ally X. In addition, Auto Low Latency Mode kicks in automatically for ultra-responsive control the moment gameplay starts.

- HDMI 2.1 VRR 4K@120Hz: Ultra-smooth visuals on PS5 and Xbox Series X
- USB-C: Seamless video and power delivery to ROG Ally X handheld
- Auto Low Latency Mode: Instant control and unparalleled responsiveness

Ergonomic stand
A specially designed hollowed-out stand offers tilt, swivel, and height adjustments for ideal viewing positions. The display is also VESA wall-mount-compatible.

What's in the Box

- Asus ROG Swift OLED PG32UCDMR monitor
- Monitor stand and base
- DisplayPort 2.1a cable
- HDMI 2.1 cable
- USB-C 90 W cable
- Power cable
- User manual and warranty card

Specifications

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Specifications	
Product Code	PG32UCDMR

Display	Panel Size (inch) : 31.5
	Aspect Ratio : 16::9
	Color Space (DCI-P3) : 99%
	Panel Type : QD-OLED
	Resolution : 3840x2160
	Display Viewing Area (HxV) : 699.48 x 394.73 mm
	Display Surface : Anti-Reflection
	Pixel Pitch : 0.182mm
	Brightness (HDR, Peak) : 1,000 cd/²
	Contrast Ratio (Typ.) : 1, 500, 000:1
	Viewing Angle (CR>=10) : 178degrees/ 178degrees
	Response Time : 0.03ms(GTG)
	Color Accuracy: ?E< 2
	Display Colors : 1073.7M (10 bit)
	Flicker free : Yes
	HDR (High Dynamic Range) Support : HDR10
	HDR (High Dynamic Range) Support : Dolby Vision
	Refresh Rate (max) : 240Hz
	ASUS OLED Care : Yes
FEATURES	GamePlus: Yes
	Game Visual: Yes
	VRR Technology: Yes (Adaptive-Sync)
	Extreme Low Motion Blur: Yes
	DisplayWidget: Yes, DisplayWidget Center
	GameFast Input technology: Yes
	Shadow Boost: Yes
	Aspect Control: Yes
	KVM Switch: Yes
	A.I. Assistant Technology: AI Visual
	A.I. Assistant Technology: Dynamic Crosshair
	A.I. Assistant Technology: Dynamic Shadow Boost
I/O Ports	DisplayPort 2.1 x 1
	HDMI (v2.1) x 2 (FRL)
	USB-C x 1 (DP Alt Mode)
	Earphone jack : Yes
	USB Hub : 3x USB 3.2 Gen 1 Type-A
	USB-C Power Delivery : 90W

Audio	Speaker: No
Signal Frequency	Digital Signal Frequency : HDMI: 30~255kHz (H) / 24~240Hz (V)
	DP/Type-C: 510~501kHz (H) / 48~240Hz (V)
Power Consumption	Power Consumption :
	Power Saving Mode :
	Power Off Mode :
	Voltage : 100-240V, 50/60Hz
Mechanical Design	1/4" Tripod Socket : Yes
	Tilt : Yes (+20degrees ~ -5degrees)
	Swivel : Yes (+15degrees ~ -15degrees)
	Height Adjustment : 0~80mm
	VESA Wall Mounting : 100x100mm
	Lighting effect (Aura) : Aura Sync
	Proximity Sensor : Neo Proximity Sensor
	Kensington Lock : Yes
Dimensions (Esti.)	Phys. Dimension with stand (W x H x D) : 71.8 x 53.1 x 27.6 cm (28.27" x 20.91" x 10.87")
	Phys. Dimension without Stand (W x H x D) : 71.8 x 41.3 x 6.7 cm (28.27" x 16.26" x 2.64")
	Box Dimension (W x H x D) : 89.0 x 51.0 x 18.5 cm (35.04" x 20.08" x 7.28")
Weight (Esti.)	Net Weight with Stand : 8.7 kg (19.18 lbs)
	Net Weight without Stand : 6.0 kg (13.23 lbs)
	Gross Weight : 13.5 kg (29.76 lbs)
Accessories (vary by regions)	DisplayPort cable
	DisplayPort 2.1 (DP80) cable
	HDMI Ultra High Speed Cable
	Power cord
	Quick start guide
	ROG pouch
	ROG sticker
	USB 3.2 cable
	USB-C cable
	VESA mount kit
	Warranty Card

Certificate	TÜV Flicker-free
	TÜV Low Blue Light (Hardware Solution)
	VESA DisplayHDR 400 True Black
	AMD FreeSync Premium Pro
	G-SYNC Compatible
	FSC MIX

FAQ

What is the refresh rate of the Asus ROG Swift OLED PG32UCDMR?

This monitor features a 240 Hz refresh rate, providing ultra-smooth motion for fast-paced gaming.

Is the PG32UCDMR G-SYNC compatible?

Yes, it supports G-SYNC compatibility to eliminate screen tearing and provide seamless gameplay.

What type of panel does the monitor use?

It uses a QD-OLED panel, offering high contrast, vibrant colors, and 99% DCI-P3 coverage.

Does the monitor have any features to prevent burn-in?

Yes, it includes OLED Care Pro, which reduces burn-in risk and prolongs the lifespan of the display.

What connectivity options are available?

The monitor includes 1 x DisplayPort 2.1a, 2 x HDMI 2.1, and 1 x USB-C with 90 W power delivery.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/PG32UCDMR-Asus-PG32UCDMR-ROG-Swift-32-OLED-Gaming-Monitor-p-333814.php

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