

ASUS PG27AQDP

Asus ROG Swift OLED PG27AQDP 27" Gaming Monitor

Product Overview

Asus ROG Swift OLED PG27AQDP Gaming Monitor, 27-inch (26.5-inch viewable) WOLED panel; 480 Hz (above 360Hz); 0.03 ms (GTG); G-S



Specifications

About this product

The ASUS ROG Swift OLED PG27AQDP is a high-performance 26.5 inch WOLED gaming monitor combining QHD resolution (2560 x 1440) with an ultra-fast 480 Hz refresh rate and a lightning-quick 0.03 ms response time, delivering smooth motion, deep contrast and vibrant colour for competitive gaming and high-speed multimedia.

Overview Summary

Product:ASUS ROG Swift OLED PG27AQDP 27" (26.5" viewable) Gaming Monitor

This monitor offers exceptional performance for gamers and content creators who demand both speed and picture quality. The WOLED panel produces deep blacks and vivid colours with 99% DCI-P3 coverage and true 10-bit colour depth, while the 480 Hz refresh rate and 0.03 ms (GTG) response time deliver fluid motion and precise responsiveness - ideal for fast-paced shooters, action titles, and esports. Built-in support for adaptive sync (G-SYNC compatible and FreeSync Premium) helps reduce tearing and stutter for a smooth, lag-free experience.

Ergonomic design, anti-glare surface, and multiple connectivity options (DisplayPort 1.4 DSC, 2 x HDMI 2.1, USB hub) make the PG27AQDP versatile for gaming, streaming, or productivity. With features like HDR support, uniform brightness, and OLED Care+ safeguards, it balances performance with longevity and comfort for extended use.

Performance tier:Enthusiast / Competitive Gaming

Uses:Competitive gaming, esports, fast-paced action games, streaming, high-refresh multimedia

Overview

Stay ahead of the game with the ROG Swift OLED PG27AQDP- the world's first 1440p 480 Hz OLED monitor. Designed for esports and the latest action-packed AAA titles, this 27-inch QHD gaming monitor features a blazing-fast 480 Hz refresh rate for unbelievably smooth visuals and lightning-quick 0.03 ms response times. The OLED panel offers 99% DCI-P3 coverage, ensuring unparalleled image clarity and vibrant colors. Plus, the new ROG AI Assistant is designed to improve gaming experiences. To ensure the longevity of the monitor, new OLED Care+ software offers a host of features to safeguard the OLED panel and an advanced custom heatsink provides exceptional passive cooling to reduce the risk of burn-in.

Quick Specifications:

- Screen size: 26.5 inches
- Flat or curve: Flat
- Panel type: WOLED
- Aspect ratio: 16:9
- Resolution: 2560 x 1440
- Refresh rate: 480 Hz
- Brightness (nits): 275 cd/m2 (SDR typical), peak HDR 1300 cd/m2
- Contrast ratio: 1,500,000:1 (typical)
- View angle (degrees): 178degrees / 178degrees (H / V)
- Response time (ms): 0.03 ms (GTG)
- Sync: G-SYNC Compatible, FreeSync Premium
- Video ports: 1 x DisplayPort 1.4 DSC, 2 x HDMI 2.1
- USB ports: 2 x USB 3.2 Gen 1 Type-A, 1 x USB 3.2 Type-B upstream
- VESA: 100 x 100 mm
- Monitor performance tier: Enthusiast / Competitive Gaming

- Uses: Competitive gaming, esports, high-frame multimedia, fast action titles

Strong reasons to buy

- Ultra-fast 480 Hz refresh rate with 0.03 ms response delivers outstanding smoothness and minimal motion blur - ideal for shooters and competitive gaming.
- WOLED panel with 99% DCI-P3 and 10-bit colour shows deep blacks and rich, vibrant colours, enhancing visual fidelity for games and media.
- Adaptive sync support (G-SYNC Compatible & FreeSync Premium) reduces screen tearing and stutter for seamless frame delivery.
- Wide connectivity options and ergonomic stand (tilt, swivel, pivot, height adjust) for flexible setup in gaming or productivity environments.
- Built-in HDR, high contrast ratio, and OLED Care+ features help deliver both stunning visuals and long-term display health.

Description

The gaming monitor is crafted for users who demand uncompromising speed and picture quality. Its WOLED panel delivers true HDR brightness and deep contrast, revealing dark scenes with detail and producing vivid, lifelike colours. The 2560 x 1440 resolution balances sharpness and performance, while the blazing fast 480 Hz refresh and 0.03 ms response provide near-instant reactions - especially valuable in fast, competitive games where every millisecond counts.

Ergonomics and versatility are built in: the stand allows tilt, swivel, pivot, and height adjustment, while VESA mount support offers wall or arm mounting. Multiple modern inputs (DisplayPort 1.4 DSC, HDMI 2.1) and USB hub connectivity make it easy to integrate into a gaming rig or workstation. Adaptive sync technologies (G-SYNC Compatible and FreeSync Premium) smooth out gameplay and reduce tearing or stutter.

Beyond raw performance, thoughtful features like uniform brightness, anti-glare surface, and built-in OLED Care+ help ensure sustained comfort and panel longevity for long gaming sessions or creative work.

Features

- 26.5" WOLED panel with 2560 x 1440 QHD resolution for sharp visuals and vibrant colour
- Ultra-fast 480 Hz refresh rate and 0.03 ms (GTG) response time for fluid motion and low latency
- Adaptive sync support: G-SYNC Compatible and FreeSync Premium to reduce tearing and stutter
- Wide colour gamut (99% DCI-P3) and 10-bit colour-depth for rich, accurate colour reproduction
- High contrast ratio (1,500,000:1) and HDR support for deep blacks, bright highlights, and dynamic scenes
- Anti-glare screen surface to reduce reflections and improve visibility in varied lighting conditions
- Ergonomic stand with tilt, swivel, pivot, and height adjustment for user comfort and flexible setup
- Multiple input options: DisplayPort 1.4 DSC, 2 x HDMI 2.1, USB hub - ideal for gaming rigs, consoles, or productivity setups
- Uniform brightness mode and built-in OLED Care+ protection to safeguard the panel over long-term use

Experience Victory in a Flash

The ROG Swift OLED PG27AQDP shatters expectations with a world-beating 480 Hz refresh rate. Witness unparalleled smoothness and responsiveness in every frame, giving you the ultimate competitive advantage.

20% brighter visuals

The latest-generation OLED panel takes advantage of Micro Lens Array+ technology to offer 20% wider viewing angles and 20% brighter imagery in full white (100% APL) windows in SDR mode, compared to previous-generation ROG OLED panels.

Clear Pixel Edge

The Clear Pixel Edge algorithm reduces green and red fringing on text and lines for improved reading experiences. Additionally, the PG27AQDP features the latest RGWB subpixel layout to improve text quality.

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Product Specification Sheet

Extreme Low Motion Blur

Exclusive ASUS Extreme Low Motion Blur technology reduces ghosting and motion blur.

ADVANTAGES OF OLED TECHNOLOGY

The extremely high contrast ratio offered by the OLED panel results in the deepest black hues and vivid colors. Plus, an astounding 0.03 ms gray-to-gray response time ensures supersmooth, low-latency gameplay.

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.

ASUS OLED Care+

New ASUS OLED Care+ software provides a full set of customizable monitor settings to protect the OLED panel and ensure longevity of the screen. All the settings can be easily managed through the DisplayWidget Center.

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 your mouse - so there's no need to access the OSD menu.

OLED ANTI-FLICKER

ROG-exclusive OLED Anti-Flicker technology offers three refresh rate ranges - High, Mid, Off - to reduce flicker during frame rate fluctuations and maintain an immersive gaming experience.

PLAY SMARTER WITH AI ASSISTANT

The new AI Assistant in PG27AQDP includes AI Visual*, AI Crosshair, AI Shadow Boost, AI Sniper, and MOBA Map Helper. These features leverage AI technology to help you practice more effectively to enhance your gaming experiences.

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 software.

AI Sniper

Automatically zooms in on the center of the in-game target for better aim during practice sessions.

MOBA Map Helper

Reminds you to keep a lookout whenever a group battle is detected in a MOBA game.

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 also makes marathon gaming sessions much more comfortable on the eyes.

ASPECT RATIO CONTROL

For competitive gamers who are more familiar with smaller 1080p monitors, the PG27AQDP can display a 4:3 aspect image in 1280 x 960 or 1024 x 768 resolutions. Alternatively, they can play on a pixel-perfect 24.5-inch, 2368 x 1332 image at a native 480 Hz refresh rate.

SMOOTH AND RESPONSIVE

The PG27AQDP features AMD FreeSync(TM) Premium technology and NVIDIA(RegTM) G-SYNC(RegTM) compatibility, ensuring super-smooth, tear-free visuals with low latency.

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 using 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.

EXTENSIVE CONNECTIVITY

A multitude of connectivity options - including DisplayPort(TM) 1.4 with Display Stream Compression (DSC), HDMI(RegTM) 2.1, and a USB hub - provide support for a wide array of multimedia devices.

Ergonomic stand

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

What's in the Box

- ROG Swift OLED PG27AQDP Monitor with adjustable stand
- DisplayPort 1.4 cable
- Power cable
- USB upstream cable
- User manual and warranty information

Specifications

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Specifications	
Product Code	ASUS PG27AQDP
Model	ROG Swift OLED PG27AQDP

Display	Panel Size (inch) : 26.5
	Aspect Ratio : 16:9
	Color Space (DCI-P3) : 99%
	Color Space (sRGB) : 135%
	Panel Type : WOLED
	Resolution : 2560x1440
	Display Viewing Area (HxV) : 586.75 x 330.05 mm
	Display Surface : Anti-Glare
	Pixel Pitch : 0.229mm
	Brightness (HDR, Peak) : 1,300 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
	Refresh Rate (max) : 480Hz
	ASUS OLED Care : Yes
FEATURES	GamePlus: Yes
	Game Visual: Yes
	VRR Technology: FreeSync Premium & G-SYNC Compatible
	Extreme Low Motion Blur: Yes
	DisplayWidget: Yes, DisplayWidget Center
	GameFast Input technology: Yes
	Shadow Boost: Yes
	Aspect Control: Yes
	A.I. Assistant Technology: AI Visual
	A.I. Assistant Technology: Dynamic Crosshair
	A.I. Assistant Technology: Dynamic Shadow Boost
	A.I. Assistant Technology: AI Crosshair
	A.I. Assistant Technology: AI Shadow Boost
	A.I. Assistant Technology: AI Sniper
	A.I. Assistant Technology: MOBA Map Helper

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Product Specification Sheet

I/O Ports	DisplayPort 1.4 DSC x 1
	HDMI (v2.1) x 2 (FRL)
	Earphone jack : Yes
	USB Hub : 2x USB 3.2 Gen 1 Type-A
Audio	Speaker: No
Signal Frequency	Digital Signal Frequency : DP:30KHz to 890KHz(H)/40Hz to 480Hz(V)
	HDMI:30KHz to 890KHz(H)/40Hz to 480Hz(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 (+30degrees ~ -30degrees)
	Pivot : Yes (+90degrees ~ -90degrees)
	Height Adjustment : 0~110mm
	VESA Wall Mounting : 100x100mm
	Lighting effect (Aura) : Aura Sync
	Kensington Lock : Yes
Dimensions (Esti.)	Phys. Dimension with stand (W x H x D) : 60.50 x 54.80 x 27.40 cm (23.82" x 21.57" x 10.79")
	Phys. Dimension without Stand (W x H x D) : 60.50 x 35.10 x 5.00 cm (23.82" x 13.82" x 1.97")
	Box Dimension (W x H x D) : 69.00 x 44.00 x 22.00 cm (27.17" x 17.32" x 8.66")
Weight (Esti.)	Net Weight with Stand : 6.2 kg (13.67 lbs)
	Net Weight without Stand : 3.5 kg (7.72 lbs)
	Gross Weight : 9.6 kg (21.16 lbs)
Accessories (vary by regions)	Color pre-calibration report
	DisplayPort cable
	HDMI Ultra High Speed Cable
	Microfiber cloth
	Power adapter
	Power cord
	Quick start guide
	ROG pouch
	ROG sticker
	USB 3.2 cable
	VESA mount kit
	Warranty Card

Certificate	TÜV Flicker-free
	TÜV Low Blue Light (Hardware Solution)
	VESA AdaptiveSync Display 480Hz
	VESA DisplayHDR 400 True Black
	AMD FreeSync Premium
	G-SYNC Compatible
	FSC MIX
Note	*Peak brightness may vary due to color pre-calibration

FAQ

What makes this monitor suitable for competitive gaming?

The 480 Hz refresh rate combined with a 0.03 ms response time dramatically reduces motion blur and input lag - delivering fluid, precise visuals that give players an edge in fast-paced games like first-person shooters and esports titles.

Does this monitor support adaptive sync?

Yes. The PG27AQDP supports both G-SYNC Compatible and FreeSync Premium, helping to eliminate screen tearing and stutter when frame rates fluctuate, for smoother gameplay.

Is the display quality good for creative work or media consumption?

Absolutely. With 10-bit colour depth, 99% DCI-P3 coverage and a high contrast ratio, the monitor produces rich colours, deep blacks and accurate colour reproduction - ideal for video editing, content creation, or watching HDR content.

Can I adjust the screen position for ergonomic comfort?

Yes. The stand offers tilt, swivel, pivot and height adjustment, and you can also mount the monitor on a VESA-compatible arm or wall bracket (100 x 100 mm), giving you flexibility to optimise viewing angle and posture.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:
Product page: <https://www.comx.co.za/ASUS-PG27AQDP-Asus-ROG-Swift-OLED-PG27AQDP-27-Gaming-Buy-p-332146.php>

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