

XG27AQDMG

Asus XG27AQDMG ROG Strix 27" WOLED Gaming Monitor

Product Overview

Asus ROG Strix OLED XG27AQDMG Gaming Monitor - 27" (26.5" viewable) 1440p glossy WOLED panel, 240 Hz, 0.03 ms, custom heatsink, OLED Anti-flicker, ASUS OLED Care, uniform brightness, G-SYNC compatible, 99% DCI-P3, and Display Widget Center



Specifications

About this product

The **ASUS ROG Strix OLED XG27ACDMS Gaming Monitor** delivers elite performance with a 26.5" QD-OLED panel, 2560 x 1440 resolution, ultra-fast 280 Hz refresh rate and 0.03 ms response time, designed for competitive gaming and immersive visuals with rich contrast and vibrant colors. It includes ASUS OLED Care Pro features and adaptive sync compatibility for smooth gameplay and long lasting panel health.

Overview Summary

The **ASUS ROG Strix OLED XG27ACDMS Gaming Monitor** is a premium 27" class gaming display with a QD-OLED panel offering deep contrast, wide color gamut and fast response times, ideal for high performance PC and console gaming. Its 280 Hz refresh rate and 0.03 ms response time ensure ultra smooth motion and reduced blur, giving competitive gamers a clear edge. ASUS OLED Care Pro with a Neo Proximity Sensor helps guard against burn-in while maintaining uniform brightness across the screen.

This monitor supports NVIDIA G-SYNC compatible and AMD FreeSync Premium Pro variable refresh rate technologies for tear free gameplay, and offers flexible connectivity including DisplayPort 1.4, HDMI 2.1 and USB-C with power delivery. The ergonomic stand with height, tilt, swivel and pivot adjustments makes it suitable for long gaming sessions or productivity tasks alike.

Performance tier: High-end gaming monitor

Uses: Competitive gaming, immersive gameplay, high refresh rate esports, HDR content viewing

Quick Specifications:

- Screen size: 26.5 inches
- Flat or curve: Flat
- Panel type: QD-OLED
- Aspect ratio: 16:9
- Resolution: 2560 x 1440
- Refresh rate: 280 Hz
- Brightness (nits): 250 cd/m2 (typ), 1000 cd/m2 (HDR peak)
- Contrast ratio: 1,500,000:1
- View angle (degrees): 178 / 178
- Response time (ms): 0.03 ms
- Frequency (Hz): 280 Hz
- Sync: NVIDIA G-SYNC compatible, AMD FreeSync Premium Pro
- Video ports: 1 x DisplayPort 1.4, 1 x HDMI 2.1, 1 x USB-C (DP Alt Mode)
- VESA: 100 x 100 mm
- Monitor performance tier: High-end gaming
- Uses: Competitive gaming, esports, HDR content

Strong reasons to buy

- Ultra fast 280 Hz refresh rate with 0.03 ms response delivers smooth, lag free gaming for esports and action titles.
- QD-OLED panel provides deep contrast and vibrant HDR visuals with wide color accuracy and minimal blur.
- ASUS OLED Care Pro and Neo Proximity Sensor help protect panel longevity and reduce risk of burn-in.
- Adaptive sync support and rich connectivity with HDMI 2.1, DisplayPort 1.4 and USB-C offers flexible setup options.

Description

The **ASUS ROG Strix OLED XG27ACDMS Gaming Monitor** combines cutting edge display technology with performance features tailored for demanding gamers and content creators. Its QD-OLED panel brings true blacks, outstanding contrast and vibrant colors, while a 280 Hz refresh rate and industry leading 0.03 ms response time ensure fluid motion and minimal ghosting during fast paced gameplay. ASUS OLED Care Pro with a Neo Proximity Sensor helps safeguard the OLED panel by dimming when no user is detected, extending panel life and preserving uniform brightness across on screen content.

The display supports both NVIDIA G-SYNC compatible and AMD FreeSync Premium Pro adaptive sync technologies for tear free visuals, making it suitable for systems equipped with either GPU brand. Extensive connectivity options including DisplayPort 1.4, HDMI 2.1 and USB-C with 15 W power delivery allow seamless connection to gaming rigs, laptops and consoles. Adjustable ergonomics and VESA mount compatibility provide versatile installation choices for any setup.

Features

Key features and benefits of the monitor include:

- QD-OLED panel: Delivers deep blacks, high contrast and rich HDR color performance for immersive visuals.
- 280 Hz refresh rate: Provides ultra smooth motion for competitive gaming and fast reaction times.
- Adaptive sync technologies: Reduces screen tearing and stutter with both NVIDIA and AMD graphics cards.
- OLED Care Pro: Helps protect the panel with smart features like Neo Proximity Sensor and uniform brightness control.
- Ergonomic stand: Offers tilt, swivel, pivot and height adjustments for custom viewing comfort.

World's FIRST GLOSSY WOLED GAMING MONITOR

The 27-inch ROG Strix OLED XG27AQDMG gaming monitor boasts an exclusive 1440p glossy WOLED panel with a 240 Hz refresh rate, OLED Anti-flicker technology and 0.03 ms gray-to-gray (GTG) response time for immersive, fast-paced gaming. A large custom heatsink provides exceptional cooling performance, while ASUS OLED Care functions reduce the risk of burn-in to ensure longevity of the OLED panel.

EXCLUSIVE GLOSSY WOLED PANEL

This ROG-exclusive panel delivers deep black hues and supersharp visuals under any lighting condition to ensure exceptional viewing experiences.

DOMINATE AT 240 HZ

ROG OLED technology gives you the upper hand over the competition - thanks to crisp 1440p visuals and supersmooth gameplay at an astounding 240 Hz.

OLED ANTI-FLICKER

ROG-exclusive OLED Anti-flicker technology features three refresh rate ranges (Strong / Middle / Off) to reduce flicker during refresh rate fluctuations to maintain immersive gaming experiences.

Extreme Low Motion Blur

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

A crisp, clear moving visual of an in-game character firing two guns / A screengrab of an in-game character firing two guns, image shows considerable motion blur

20% brighter visuals

The latest-generation OLED panel takes advantage of Micro Lens Array+ (MLA+) 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.

Advantages of OLED technology

The extremely high contrast ratio offered by OLED technology ensures the deepest black hues and vivid colors. Plus, an astounding 0.03 ms gray-to-gray (GTG) response time ensures supersmooth, low-latency gameplay. These features not only make the XG27AQDMG perfect for gaming, but also for professional video- and photo-editing.

ADVANCED CUSTOM HEATSINK

The custom passive heatsink found in the XG27AQDMG prioritizes heat dissipation. In addition, the monitor's back cover features top vents that further improve cooling to significantly reduce the risk of burn-in.

SCREEN PROTECTION

ASUS OLED Care provides timely pixel cleaning reminders, a screen saver, a screen move feature and more to protect the OLED panel and ensure longevity of the screen.

Pixel cleaning

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

Screen saver

Automatically dims the screen after two minutes of inactivity.

Screen move

Pixel locations are slightly shifted periodically to help prevent burn-in. Users can choose between several movement levels.?

Logo brightness adjustment

The monitor automatically detects static onscreen logos and reduces their brightness to correct for potential picture-quality issues.

ASPECT RATIO

For gamers who typically use smaller monitors, the XG27AQDMG is able to display a 24.5-inch image, a 4:3 aspect ratio image, or a full-screen 4:3 aspect with deep black OLED borders around the image. For FPS players, playing on a full-screen 4:3 aspect ratio makes in-game targets or character models look slightly larger, making them easier to hit.

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.

ASUS DisplayWidget Center

New DisplayWidget Center software lets you easily change monitor settings and OLED-related functions via an intuitive interface, using a mouse - so there's no need to access the OSD menu.

Futuristic, cyberpunk-inspired aesthetic

The clean and elegant aesthetic of the XG27AQDMG underlines its premium status. There's even a built-in tripod socket on top of the monitor to accommodate a camera for streaming setups.

Compact stand design

The base has a small footprint to free up space for the keyboard and mouse. It also includes a mobile device groove to prop up phones.

Superslim frameless design

The frameless panel facilitates immersive viewing.

SMOOTH AND RESPONSIVE

The XG27AQDMG features NVIDIA(RegTM) G-SYNC(TM) compatible and AMD FreeSync(TM) Premium technology, ensuring super-smooth, tear-free visuals with low latency.

DYNAMIC SHADOW BOOST

ASUS Dynamic Shadow Boost uses ROG Gaming AI technology to automatically enhance dark areas of the screen without affecting the rest of the screen, making it easier to spot enemies hiding in dim areas of the map.

EXTENSIVE CONNECTIVITY

A multitude of connectivity options - including one DisplayPort(TM) 1.4, two HDMI(RegTM) 2.0 ports, and a USB hub - provide support for a wide array of multimedia devices.

Ergonomic stand

The specially designed 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

- ASUS ROG Strix OLED XG27ACDMS Gaming Monitor
- DisplayPort cable
- Power cord
- User documentation

Specifications

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Specifications	
Product Code	XG27AQDMG

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Product Specification Sheet

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) : 590.42 x 333.72 mm
	Display Surface : Glossy
	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) : 240Hz
	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
I/O Ports	DisplayPort 1.4 DSC x 1
	HDMI (v2.0) x 2
	Earphone jack : Yes
	USB Hub : 2x USB 3.2 Gen 1 Type-A
Audio	Speaker: No
Signal Frequency	Digital Signal Frequency : DP:30KHz to 390KHz(H)/40Hz to 240Hz(V)
	HDMI:30KHz to 295KHz(H)/40Hz to144Hz(V)

ComX Computers

Product Specification Sheet

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 (+45degrees ~ -45degrees)
	Pivot : Yes (+90degrees ~ -90degrees)
	Height Adjustment : 0~120mm
	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 50.8 x 21.90 cm (23.82" x 20.00" x 8.62")
	Phys. Dimension without Stand (W x H x D) : 60.50 x 36.80 x 5.00 cm (23.82" x 14.49" x 1.97")
	Box Dimension (W x H x D) : 67.30 x 44.00 x 22.00 cm (26.50" x 17.32" x 8.66")
Weight (Esti.)	Net Weight with Stand : 6.7 kg (14.77 lbs)
	Net Weight without Stand : 4.2 kg (9.26 lbs)
	Gross Weight : 9.5 kg (20.94 lbs)
Accessories (vary by regions)	DisplayPort cable
	HDMI 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 240Hz
	VESA DisplayHDR 400 True Black
	AMD FreeSync Premium
	G-SYNC Compatible

FAQ

What refresh rate does the ASUS ROG Strix OLED XG27ACDMS have?

This monitor supports a maximum refresh rate of 280 Hz, providing exceptionally smooth motion for fast paced games and esports titles.

Does the monitor support adaptive sync technologies?

Yes, the display is compatible with NVIDIA G-SYNC and AMD FreeSync Premium Pro to reduce tearing and stutter during variable frame rates.

Is this monitor suitable for content creation as well as gaming?

With a QD-OLED panel, HDR10 support, 99% DCI-P3 wide color gamut and accurate color performance, it is suitable for both gaming and creative work requiring vibrant and precise visuals.

Does the ASUS OLED Care Pro feature help panel longevity?

Yes, OLED Care Pro includes a Neo Proximity Sensor that can detect user absence and help reduce burn-in risk, while uniform brightness controls maintain consistent screen output.

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/XG27AQDMG-Asus-XG27AQDMG-ROG-Strix-27-WOLED-Gaming-Buy-p-333755.php>

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