ASUS ROG Strix XG27AQWMG computer monitor 67.3 cm (26.5") 2560 x 1440 pixels Quad HD OLED Black





Brand : ASUS

Product family: ROG Strix

Product code: 90LM0BZ0-B01171

Product name : XG27AQWMG

- 26.5-inch QHD (2560 x 1440) TrueBlack Glossy WOLED gaming monitor with 280 Hz refresh rate and 0.03ms response time
- New Tandem OLED technology for 15% higher peak brightness, 25% larger color volume, and 60% longer OLED lifespan versus previous-generation WOLED panels
- TrueBlack Glossy panel provides a zero-haze surface and exceptionally sharp imagery
- VESA DisplayHDR 500 True Black compliance, 99.5% DCI-P3 gamut, true 10-bit color, and Delta E<2 color difference for astonishing HDR performance
- ASUS OLED Care Pro with Neo Proximity Sensor precisely detects when the user is away and switches to a black screen to reduce the risk of burn-in
- DisplayWidget Center allows users to easily access OLED Care Pro functions and adjust monitor settings using a mouse

ROG Strix OLED XG27AQWMG gaming monitor — 27-inch (26.5-inch viewable) 1440p TrueBlack Glossy™ Tandem OLED, 280 Hz, 0.03 ms, Neo Proximity Sensor, ASUS OLED Care Pro, ELMB, VESA DisplayHDR True Black 500, 99% DCI-P3, and DisplayWidget Center

Display	
Display diagonal *	67.3 cm (26.5")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	OLED
Panel type *	WOLED
Touchscreen *	✗
Display brightness (peak)	1500 cd/m²
Response time *	0.03 ms
Response time measurement type	GTG (Gray to Gray)
Display surface	Gloss
Screen shape *	Flat
Contrast ratio (typical) *	1500000:1
Maximum refresh rate *	280 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.073 billion colours
Pixel pitch	0.229 x 0.229 mm
Viewable size, horizontal	59 cm
Viewable size, vertical	33.2 cm
Digital horizontal frequency	480 - 480 kHz
Digital vertical frequency	41 - 280 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	HDR True Black 500, High Dynamic Range 10 (HDR10)
Colour depth	10 bit
Colour gamut standard	DCI-P3
Colour gamut	99.5%

Ports & interfaces	
Headphone outputs	1
Headphone connectivity	3.5 mm

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	11 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-45 - 45°
Tilt adjustment	✔
Tilt angle range	-5 - 20°

Power	
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	25 kWh
Energy consumption (HDR) per 1000 hours *	50 kWh
Power consumption (typical) *	26.8 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Display	
DCI-P3 coverage	99.5%

Performance	
NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
VESA Adaptive Sync support	✔
Flicker-free technology	✔
Low Blue Light technology	✔
Game mode	✔

Multimedia	
Built-in speaker(s) *	✘
Built-in camera *	✘

Design	
Market positioning *	Gaming
Product colour *	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB Type-A downstream ports quantity	2
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔

Power	
Power supply type	External
Energy efficiency scale	A to G

Weight & dimensions	
Width (with stand)	605 mm
Depth (with stand)	188 mm
Height (with stand)	500 mm
Weight (with stand)	6.7 kg
Width (without stand)	605 mm
Depth (without stand)	63 mm
Height (without stand)	368 mm
Weight (without stand)	4.8 kg

Packaging data	
Package width	780 mm
Package depth	186 mm
Package height	470 mm
Package weight	9.1 kg
Package type	Box

Packaging content	
Stand included	✔

Sustainability	
Sustainability certificates	Forest Stewardship Council (FSC) Mix

Other features	
Brand specific technologies	ASUS OLED Care
Shadow control	✔
Certification	TÜV Flicker-free TÜV Low Blue Light (Hardware Solution) VESA AdaptiveSync Display 280Hz VESA DisplayHDR 500 True Black AMD FreeSync Premium Pro G-SYNC Compatible FSC MIX

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