

## ASUS ROG Strix XG27ACMS computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

**Brand :** ASUS

**Product family:** ROG Strix

**Product code:** 90LM0BE0-B01171

**Product name :** XG27ACMS

- 27-inch 2560 x 1440 HDR gaming monitor with ultrafast 320Hz (OC) refresh rate designed for professional gamers and immersive gameplay
  - ASUS Fast IPS technology enables a 0.3ms response time (min.) for sharp gaming visuals with high frame rates
  - ASUS Extreme Low Motion Blur Sync (ELMB SYNC) technology enables ELMB together with variable refresh rate, eliminating ghosting and tearing for sharp gaming visuals with high frame rates
  - DisplayWidget Center enables easy OSD access and monitor settings adjustments with a mouse
  - USB Type-C with DP Alt mode, meaning that you can connect your device with clutter-free set-up
  - ROG Gaming A.I technology with AI-powered features to enhance users' gaming experience
- ROG Strix XG27ACMS QHD Gaming Monitor (27 inches, 2560 x 1440, 0.3ms response time, Fast IPS, 320Hz (OC), ELMB Sync, USB Type-C, G-Sync compatible, DisplayWidget Center, tripod mount, HDR)



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	HDMI ports quantity	1
Display resolution *	2560 x 1440 pixels	HDMI version	2.1
HD type *	Quad HD	DisplayPorts quantity	1
Native aspect ratio *	16:9	DisplayPort version	1.4
Display technology *	LCD	Headphone out *	✓
Panel type *	Fast IPS	Headphone outputs	1
Touchscreen *	✗	Headphone connectivity	3.5 mm
Display brightness (peak)	500 cd/m <sup>2</sup>	HDCP	✓
Display brightness (typical)	350 cd/m <sup>2</sup>	HDCP version	2.3
Response time *	1 ms	<b>Ergonomics</b>	
Response time measurement type	GTG (Gray to Gray)	VESA mounting *	✓
Anti-glare screen	✓	Panel mounting interface	100 x 100 mm
Screen shape *	Flat	Wall mountable	✓
Contrast ratio (typical) *	1000:1	Cable lock slot *	✓
Maximum refresh rate *	320 Hz	Cable lock slot type	Kensington
Viewing angle, horizontal	178°	Height adjustment *	✓
Viewing angle, vertical	178°	Adjustable height (max)	12 cm
Display number of colours *	1.073 billion colours	Pivot	✓
Pixel pitch	0.233 x 0.233 mm	Pivot angle	-90 - 90°
Viewable size, horizontal	59.6 cm	Swivelling	✓
Viewable size, vertical	33.5 cm	Swivel angle range	-45 - 45°
Digital horizontal frequency	490 - 490 kHz	Tilt adjustment	✓
Digital vertical frequency	48 - 320 Hz	Tilt angle range	-5 - 20°
High Dynamic Range (HDR) supported	✓	<b>Power</b>	
High Dynamic Range (HDR) technology	DisplayHDR 400, High Dynamic Range 10 (HDR10)	Energy efficiency class (SDR) *	F
Colour depth	10 bit	Energy efficiency class (HDR) *	G
Colour gamut standard	DCI-P3, sRGB		

Display		Power	
sRGB coverage (typical)	130%	Energy consumption (SDR) per 1000 hours *	26 kWh
DCI-P3 coverage	94%	Energy consumption (HDR) per 1000 hours *	50 kWh
Performance		Power consumption (typical) *	27 W
NVIDIA G-SYNC *	✓	Power consumption (standby) *	0.5 W
NVIDIA G-SYNC type	G-SYNC Compatible	Power consumption (off)	0.3 W
AMD FreeSync *	✓	Power consumption (PowerSave)	0.5 W
AMD FreeSync type	FreeSync Premium	AC input voltage	100 - 240 V
VESA Adaptive Sync support	✓	AC input frequency	50/60 Hz
Flicker-free technology	✓	Power supply type	Internal
Low Blue Light technology	✓	Energy efficiency scale	A to G
Game mode	✓	Weight & dimensions	
Multimedia		Width (with stand)	614.8 mm
Built-in speaker(s) *	✗	Depth (with stand)	218.8 mm
Built-in camera *	✗	Height (with stand)	512.9 mm
Design		Weight (with stand)	6.52 kg
Market positioning *	Gaming	Width (without stand)	614.8 mm
Product colour *	Black	Depth (without stand)	60.1 mm
Detachable stand	✓	Height (without stand)	367.1 mm
Feet colour	Black	Weight (without stand)	3.81 kg
Ports & interfaces		Packaging data	
Built-in USB hub *	✓	Package width	789 mm
Number of USB Type-C upstream ports quantity	1	Package depth	515 mm
USB Type-C DisplayPort Alternate Mode	✓	Package height	226 mm
USB Power Delivery (USB PD)	✓	Package weight	8.9 kg
USB Power Delivery up to	15 W	Package type	Box
HDMI *	✓	Packaging content	
		Stand included	✓



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### Catalog Object Cloud



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