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

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	Fast IPS
Touchscreen *	✘
Display brightness (peak)	500 cd/m²
Display brightness (typical)	350 cd/m²
Response time *	1 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Maximum refresh rate *	320 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.073 billion colours
Pixel pitch	0.233 x 0.233 mm
Viewable size, horizontal	59.6 cm
Viewable size, vertical	33.5 cm
Digital horizontal frequency	490 - 490 kHz
Digital vertical frequency	48 - 320 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400, High Dynamic Range 10 (HDR10)
Colour depth	10 bit
Colour gamut standard	DCI-P3, sRGB

Ports & interfaces

HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	✔
HDCP version	2.3

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)	12 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 *	26 kWh

Display

sRGB coverage (typical)	130%
DCI-P3 coverage	94%

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium
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 *	✔
Number of USB Type-C upstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	15 W
HDMI *	✔
HDMI ports quantity	1

Power

Energy consumption (HDR) per 1000 hours *	50 kWh
Power consumption (typical) *	27 W
Power consumption (standby) *	0.5 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
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	2315796

Weight & dimensions

Width (with stand)	614.8 mm
Depth (with stand)	218.8 mm
Height (with stand)	512.9 mm
Weight (with stand)	6.52 kg
Width (without stand)	614.8 mm
Depth (without stand)	60.1 mm
Height (without stand)	367.1 mm
Weight (without stand)	3.81 kg

Packaging data

Package width	789 mm
Package depth	515 mm
Package height	226 mm
Package weight	8.9 kg
Package type	Box

Packaging content

Stand included	✔

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