

ASUS ROG Strix XG27ACS-W - LED monitor

gaming - 27" - 2560 x 1440 2K @ 180 Hz - Fast IPS - 400 cd/m² - 1000:1 - DisplayHDR 400 - 1 ms - HDMI - DisplayPort - USB-C

Group	Flat Screens
Manufacturer	ASUS
Manufacturer item no.	90LM09Q1-B01170
EAN/UPC	4711387483657



Description

ASUS ROG Strix XG27ACS-W - LED monitor - gaming - 27" - 2560 x 1440 2K @ 180 Hz - Fast IPS - 400 cd/m² - 1000:1 - DisplayHDR 400 - 1 ms - HDMI, DisplayPort, USB-C

Main features

Product Description	ASUS ROG Strix XG27ACS-W - LED monitor - 2K - 27" - HDR
Device Type	LED-backlit LCD monitor - 27"
Energy Class	Class F
Adaptive-Sync Technology	AMD FreeSync, VESA Adaptive-Sync, NVIDIA G-SYNC Compatible
Panel Type	Fast IPS
Aspect Ratio	16:9
Native Resolution	2K 2560 x 1440 (DisplayPort: 180 Hz, HDMI: 144 Hz, USB-C: 180 Hz)
Pixel Pitch	0.233 mm
Brightness	400 cd/m²
Contrast Ratio	1000:1
HDR Capable	HDR10 / DisplayHDR 400
Response Time	1 ms (grey-to-grey)
Gaming	Yes
Colour Support	16.7 million colours (8-bit)
Colour Gamut	133% sRGB, 97% DCI-P3
Input Connectors	HDMI, DisplayPort, USB-C
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Screen Coating	Anti-glare
Dimensions (WxDxH) - with stand	64.18 cm x 21.88 cm x 51.29 cm
Weight	6.61 kg
Compliant Standards	TUV Rheinland Low Blue Light Certification, TUV Rheinland Flicker Free Certification, DisplayPort 1.4, HDCP 2.2, FSC Mix

Extended details

	General
Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class F
Energy Class (HDR)	Class G
Diagonal Size	27"
Adaptive-Sync Technology	AMD FreeSync, VESA Adaptive-Sync, NVIDIA G-SYNC Compatible
Panel Type	Fast IPS
Aspect Ratio	16:9
Native Resolution	2K 2560 x 1440 (DisplayPort: 180 Hz, HDMI: 144 Hz, USB-C: 180 Hz)
Pixel Pitch	0.233 mm
Brightness	400 cd/m ²
Contrast Ratio	1000:1
HDR Format	HDR10
HDR Certification	DisplayHDR 400
Colour Support	16.7 million colours (8-bit)
Colour Gamut	133% sRGB, 97% DCI-P3
Response Time	1 ms (grey-to-grey)
Vertical Refresh Rate	48 - 180 Hz
Horizontal Refresh Rate	30 - 255 kHz
Gaming	Yes
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare
Backlight Technology	LED backlight
Features	HDCP, Trace Free Technology, Flicker Free technology, Crosshair Display, ASUS GameVisual Technology, HDR (high dynamic range), ASUS Extreme Low Motion Blur technology, Low Blue Light technology, ASUS Extreme Low Motion Blur Sync, Dynamic Shadow Boost technology, integrated phone holder, Display Widget, tripod socket, 5-way joystick, Variable refresh rate (VRR), ASUS Variable Overdrive 2.0
Dimensions (WxDxH)	64.18 cm x 21.88 cm x 51.29 cm - with stand
Weight	6.61 kg
	Connectivity
Interfaces	HDMI DisplayPort Headphones (mini-jack) USB-C/DisplayPort Alt Mode (power up to 7.5W)
	Mechanical
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-5/+20
Swivel Angle	90

Rotation Angle	-90/+90
Height Adjustment	120 mm
VESA Mounting Interface	100 x 100 mm
Miscellaneous	
Features	Security lock slot (cable lock sold separately), G1/4" thread
Included Accessories	ROG pouch, ROG sticker
Compliant Standards	TUV Rheinland Low Blue Light Certification, TUV Rheinland Flicker Free Certification, DisplayPort 1.4, HDCP 2.2, FSC Mix
Security Slot Type	Kensington security slot
Power	
Power Consumption SDR (On mode)	26 kWh/1000h
Power Consumption HDR (On mode)	45 kWh/1000h
Power Consumption (Typical)	23.1 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt
Dimensions & Weight	
Dimensions & Weight Details	With stand - width: 64.18 cm - depth: 21.88 cm - height: 51.29 cm - weight: 6.61 kg Without stand - width: 64.18 cm - depth: 6.01 cm - height: 36.71 cm - weight: 3.93 kg
Dimensions & Weight (Shipping)	
Shipping Width	78 cm
Shipping Depth	51.5 cm
Shipping Height	22.6 cm
Shipping Weight	10.1 kg
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C

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