Samsung S27C432GAU(LS27C432GAUXEN)
Samsung S27C432GAU - C432 Series - LED monitor - 27" - 1920 x 1080 Full HD (1080p) @ 100 Hz - IPS - 250 cd/m² - 1000:1 - 4 ms - HDMI, VGA, DisplayPort - black

Main Specifications

Product Description	Samsung S27C432GAU - C432 Series - LED monitor - Full HD (1080p) - 27"
Device Type	LED-backlit LCD monitor - 27"
Energy Class	Class D
Energy Consumption per Year	24 kWh
Adaptive-Sync Technology	AMD FreeSync
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3113 mm
Brightness	250 cd/m²
Contrast Ratio	1000:1
Response Time	4 ms (grey-to-grey)
Colour Support	16.7 million colours
Colour Gamut	72% NTSC (CIE 1976), 95% sRGB
Input Connectors	HDMI, VGA, DisplayPort
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Voltage	AC 100-240 V
Colour	Black
Dimensions (WxDxH) - with stand	61.16 cm x 21.97 cm x 53.92 cm
Weight	5.6 kg
Compliant Standards	TUV

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class D
Energy Consumption per Year	24 kWh
Diagonal Size	27"
Adaptive-Sync Technology	AMD FreeSync
Panel Type	IPS

Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3113 mm
Brightness	250 cd/m²
Contrast Ratio	1000:1
Colour Support	16.7 million colours
Colour Gamut	72% NTSC (CIE 1976), 95% sRGB
Response Time	4 ms (grey-to-grey)
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Backlight Technology	LED backlight
Features	Game mode, Flicker Free technology, Image Size, Eco Saving Plus, Wide Viewing Angle, Eye protection mode, auto input switch
Colour	Black
Dimensions (WxDxH)	61.16 cm x 21.97 cm x 53.92 cm - with stand
Weight	5.6 kg

Connectivity

Interfaces	HDMI (HDCP 1.4) DisplayPort 1.2 (HDCP 1.4) VGA 4 x USB 3.0

Mechanical

Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-5/+24
Swivel Angle	90
Rotation Angle	-2/+92
Height Adjustment	130 mm
VESA Mounting Interface	100 x 100 mm

Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x DisplayPort cable 1 x HDMI cable
Compliant Standards	TUV
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V
Power Consumption SDR (On mode)	16 kWh/1000h
Power Consumption (Typical)	16.3 Watt
Power Consumption (Max)	55 Watt
Power Consumption Stand by	0.3 Watt
Power Consumption (Off Mode)	0.3 Watt

Dimensions & Weight

Dimensions & Weight Details	With stand - width:61.16 cm - depth:21.97 cm - height:53.92 cm - weight:5.6 kg Without stand - width:61.16 cm - depth:5.72 cm - height:36.19 cm - weight:3.7 kg

Dimensions & Weight (Shipping)

Shipping Width	83 cm
Shipping Depth	15.4 cm
Shipping Height	44.2 cm
Shipping Weight	7.8 kg

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)