

Samsung Odyssey OLED G9 S49DG934SU(LS49DG934SUXEN)

Samsung Odyssey OLED G9 S49DG934SU - G93SD Series - OLED monitor - gaming - curved - 49" - 5120 x 1440 Dual Quad HD @ 240 Hz - 250 cd/m² - 1000000:1 - HDR10+ Gaming, HDR10 - 0.03 ms - DisplayPort, Micro HDMI, HDMI - silver



Experience immersive gaming and breathtaking visuals with the Samsung Odyssey OLED G9. This 49-inch OLED monitor features a native resolution of 5120 x 1440 and a V-Sync rate of 240 Hz, offering clarity and responsiveness for an engaging gaming experience. The monitor's screen curvature of 1800R enhances depth perception to fully engage the player in the gaming action, while Quantum Dot Technology delivers rich colors supported by 1 billion color hues. With features like Eye Saver Mode and Flicker-Free technology, prolonged usage becomes comfortable and strain-free.

Equipped with a USB hub and several connection options, including HDMI and DisplayPort, this monitor accommodates various devices with ease. The advanced HDR capabilities ensure bright and dynamic visuals, perfect for both gaming and multimedia consumption. Complemented by a range of customizable settings, including height and tilt adjustments, the Samsung Odyssey OLED G9 adapts to any workspace, providing a versatile solution for gamers and content creators alike.

Key Selling Points

- 49-inch diagonal size with a native resolution of 5120 x 1440
- 240 Hz V-Sync rate for high refresh rates in gaming
- 1800R curved screen enhances immersive visuals
- Quantum Dot Technology supports 1 billion colors
- Flicker-Free technology and Eye Saver Mode for comfortable viewing

Product Features

Stunning display quality

The Samsung Odyssey OLED G9 features OLED technology that offers vibrant visuals with a pixel pitch of 0.234 mm. With an impressive image contrast ratio of 1000000:1 and a brightness level of 250 cd/m², the display excels in delivering lifelike images.

Seamless gaming experience

This monitor supports AMD FreeSync Premium Pro, providing adaptive sync technology that reduces screen tearing and stuttering for smooth gameplay. The response time of 0.03 ms ensures that gamers experience rapid action without delay, enhancing performance.

Multifunctional connectivity options

Several interface options including HDMI, DisplayPort, and USB-C make it simple to connect various devices. The built-in USB 3.2 Gen 1 hub further aids in connectivity of peripherals, streamlining the gaming and work setup.

Ergonomic adjustments

The monitor features height adjustment and tilt capabilities, allowing users to customize their setup for optimal comfort. The range of adjustments promotes ergonomic viewing, reducing fatigue during long gaming or work sessions.

Enhanced visual features

CoreSync lighting design and picture-in-picture capabilities create an engaging user experience. With features like dual-screen viewing and darkness compensation, this monitor is tailored for a captivating and immersive environment.

Main Specifications

Product Description	Samsung Odyssey OLED G9 S49DG934SU - G93SD Series - OLED monitor - curved - 49" - HDR
Device Type	OLED monitor - 49"
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2051150
Energy Class	Class G
Energy Consumption per Year	89 kWh
Curved Screen	Yes
Adaptive-Sync Technology	AMD FreeSync Premium Pro
Features	USB 3.2 Gen 1/USB-C hub
Aspect Ratio	32:9
Native Resolution	Dual Quad HD 5120 x 1440 at 240 Hz

Pixel Pitch	0.234 mm
Brightness	250 cd/m ²
Contrast Ratio	1000000:1
HDR Capable	HDR10+ Gaming, HDR10
Response Time	0.03 ms (grey-to-grey)
Gaming	Yes
Colour Support	1 billion colours
Colour Gamut	99% DCI-P3 (CIE 1976)
Input Connectors	DisplayPort, Micro HDMI, HDMI
Display Position Adjustments	Height, tilt
Screen Coating	Anti-glare
Voltage	AC 100-240 V
Colour	Silver
Dimensions (WxDxH) - with stand	119.47 cm x 28.41 cm x 52.93 cm
Weight	12.6 kg
Compliant Standards	UL Glare Free

Extended Specification

General

Display Type	OLED monitor / OLED
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2051150
Energy Class	Class G
Energy Class (HDR)	Class G
Energy Consumption per Year	89 kWh
Diagonal Size	49"
Curved Screen	Yes (1800R)
Adaptive-Sync Technology	AMD FreeSync Premium Pro
Built-in Devices	USB 3.2 Gen 1/USB-C hub
Aspect Ratio	32:9
Native Resolution	Dual Quad HD 5120 x 1440 at 240 Hz
Pixel Pitch	0.234 mm
Brightness	250 cd/m ²
Contrast Ratio	1000000:1
HDR Format	HDR10+ Gaming, HDR10
Colour Support	1 billion colours
Colour Gamut	99% DCI-P3 (CIE 1976)
Response Time	0.03 ms (grey-to-grey)
Gaming	Yes
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare
Features	Eye Saver Mode, Flicker Free technology, Picture-in-Picture, Dual-screen viewing, Quantum Dot Technology, Image Size, power off timer, Darkness compensation, Virtual AIM Point, CoreSync lighting design, Super Arena gaming experience, Auto Source Switch+, Factory Tuning, Factory Calibration Report, Core lighting+ design
Colour	Silver

Dimensions (WxDxH)	119.47 cm x 28.41 cm x 52.93 cm - with stand
Weight	12.6 kg

Miscellaneous

Cables Included	1 x USB-C cable 1 x DisplayPort cable
Compliant Standards	UL Glare Free

Power

Input Voltage	AC 100-240 V
Power Consumption SDR (On mode)	61 kWh/1000h
Power Consumption HDR (On mode)	75 kWh/1000h
Power Consumption (Typical)	61 Watt
Power Consumption (Max)	220 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Environmental Parameters

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

Connectivity

Interfaces	DisplayPort 1.4 (HDCP 2.2) HDMI (HDCP 2.2) Micro HDMI (HDCP 2.2) USB-C upstream 2 x USB-C 3.2 Gen 1 downstream Headphone jack (mini-jack)
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Dimensions & Weight

Dimensions & Weight Details	With stand - width: 119.47 cm - depth: 28.41 cm - height: 52.93 cm - weight: 12.6 kg Without stand - width: 119.47 cm - depth: 18.08 cm - height: 36.5 cm - weight: 8.8 kg
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Dimensions & Weight (Shipping)

Shipping Width	135.2 cm
Shipping Depth	47.4 cm
Shipping Height	24 cm
Shipping Weight	18.1 kg

Mechanical

Display Position Adjustments	Height, tilt
Tilt Angle	-2/+15
Height Adjustment	120 mm
VESA Mounting Interface	100 x 100 mm

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