

Samsung Odyssey OLED G8 S34DG850SU(LS34DG850SUXEN)

Samsung Odyssey OLED G8 S34DG850SU - G85SD Series - OLED monitor - Smart - gaming - curved - 34" - 3440 x 1440 UWQHD @ 175 Hz - 250 cd/m² - 1000000:1 - HDR10+ Gaming, HDR10+, HDR10 - 0.03 ms - 2xHDMI, DisplayPort - speakers - silver



The Samsung Odyssey OLED G8 34-inch monitor delivers an immersive visual experience with its Quantum Dot OLED technology and UWQHD resolution of 3440 x 1440. This monitor features a sleek, curved design with a 21:9 aspect ratio, ensuring vibrant and true-to-life images with a contrast ratio of 1000000:1 and 99% DCI-P3 color gamut support. The 175 Hz refresh rate and 0.03 ms response time provide smooth and responsive gameplay, while features like AMD FreeSync Premium Pro and game mode enhance the gaming experience.

In addition to its gaming capabilities, the Samsung Odyssey OLED G8 offers versatile connectivity options, including HDMI and DisplayPort, ensuring compatibility with various devices. Built-in Wi-Fi, Bluetooth 5.2, and a USB 3.0 hub add convenience and functionality, making it a choice for both gaming and productivity. The monitor also features Flicker-Free technology, Eye Saver Mode, and Smart Calibration, optimizing comfort and performance for long viewing sessions.

Key Selling Points

- 34-inch Quantum Dot OLED display for color and clarity
- 175 Hz refresh rate and 0.03 ms response time for fluid motion
- Built-in Wi-Fi and Bluetooth 5.2 for easy connectivity
- Curved design with 21:9 aspect ratio for an immersive experience
- Gaming features including AMD FreeSync Premium Pro and game mode

Product Features

Immersive visual experience

The 34-inch screen with a curved design and UWQHD resolution provides an expansive view, enhancing any gaming or multimedia experience.

Advanced connectivity options

Equipped with HDMI, DisplayPort, and a USB 3.0 hub, this monitor offers flexibility for a variety of devices and setups.

Optimized for gaming

This monitor includes features like game mode and Virtual AIM Point, tailored to enhance performance and responsiveness in competitive gaming.

Comfortable viewing

Flicker-Free technology and Eye Saver Mode help reduce eye strain, offering more comfortable long-term use for work or play.

Smart features

The Tizen operating system includes apps and functionalities like Samsung TV Plus and Gaming Hub, adding further versatility to this monitor.

Main Specifications

Product Description	Samsung Odyssey OLED G8 S34DG850SU - G85SD Series - OLED monitor - curved - 34" - HDR
Device Type	OLED monitor - 34" - Smart monitor
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2029076
Energy Class	Class G
Energy Consumption per Year	61 kWh
Curved Screen	Yes
Adaptive-Sync Technology	AMD FreeSync Premium Pro
Features	Wi-Fi, Bluetooth 5.2 adapter, USB 3.0 hub
Aspect Ratio	21:9
Native Resolution	UWQHD 3440 x 1440 at 175 Hz
Pixel Pitch	0.2316 mm
Brightness	250 cd/m ²

Contrast Ratio	1000000:1
HDR Capable	HDR10+ Gaming, HDR10+, HDR10
Response Time	0.03 ms (grey-to-grey)
Gaming	Yes
Colour Support	1 billion colours
Colour Gamut	99% DCI-P3
Input Connectors	2xHDMI, DisplayPort
Display Position Adjustments	Tilt, height, pivot (rotation)
Voltage	AC 100-240 V (50/60 Hz)
Colour	Silver
Dimensions (WxDxH) - with stand	81.36 cm x 19.28 cm x 52.23 cm
Weight	7.5 kg
Compliant Standards	CEC, UL Glare Free

Extended Specification

General

Display Type	OLED monitor / Quantum Dot OLED - Smart monitor
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2029076
Energy Class	Class G
Energy Class (HDR)	Class G
Energy Consumption per Year	61 kWh
Diagonal Size	34"
Curved Screen	Yes (1800R)
Adaptive-Sync Technology	AMD FreeSync Premium Pro
Operating System	Tizen
Built-in Devices	Wi-Fi, Bluetooth 5.2 adapter, USB 3.0 hub
Aspect Ratio	21:9
Native Resolution	UWQHD 3440 x 1440 at 175 Hz
Pixel Pitch	0.2316 mm
Pixel Per Inch	110
Brightness	250 cd/m ²
Contrast Ratio	1000000:1
HDR Format	HDR10+ Gaming, HDR10+, HDR10
Colour Support	1 billion colours
Colour Gamut	99% DCI-P3
Response Time	0.03 ms (grey-to-grey)
Gaming	Yes
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Features	Eye Saver Mode, Quantum Dot Technology, Flicker Free technology, Image Size, Off Timer Plus, Virtual AIM Point, CoreSync lighting design, Game Bar 2.0, Gaming Hub, Adaptive Picture, Auto Source Switch+, far-field voice interaction, Tap View, Samsung TV Plus, My Contents, MultiView, Smart Calibration, Factory Calibration Report, Factory Tuning, Slim Metal Design, OLED Glare Free, Mobile to Screen Mirroring, Adaptive Sound Pro, Sound Mirroring, game mode
Colour	Silver
Dimensions (WxDxH)	81.36 cm x 19.28 cm x 52.23 cm - with stand

Weight	7.5 kg
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Miscellaneous

Included Accessories	Remote control
Cables Included	1 x HDMI cable 1 x DisplayPort cable 1 x USB 3.0
Compliant Standards	CEC, UL Glare Free

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption SDR (On mode)	42 kWh/1000h
Power Consumption HDR (On mode)	48 kWh/1000h
Power Consumption (Typical)	47 Watt
Power Consumption (Max)	180 Watt

Software / System Requirements

Included Software	Bixby Voice Assistant, Alexa, Samsung TV Plus, SmartThings, Intel Wireless Display
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Environmental Parameters

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

Audio

Type	Speakers
Output Power / Channel	10 Watt

Connectivity

Interfaces	2 x HDMI DisplayPort 1.4 2 x USB 3.0 downstream USB 3.0 upstream
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Dimensions & Weight

Dimensions & Weight Details	With stand - width: 81.36 cm - depth: 19.28 cm - height: 52.23 cm - weight: 7.5 kg Without stand - width: 81.36 cm - depth: 12.81 cm - height: 36.35 cm - weight: 5.5 kg
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Dimensions & Weight (Shipping)

Shipping Width	94.8 cm
Shipping Depth	18.5 cm
Shipping Height	45.6 cm
Shipping Weight	11.8 kg

Mechanical

Display Position Adjustments	Tilt, height, pivot (rotation)
Tilt Angle	-2/+20
Rotation Angle	-3/+3
Height Adjustment	120 mm
VESA Mounting Interface	100 x 100 mm