

SAMSUNG



49" Odyssey OLED G9 (G91SD) Dual QHD 144Hz 0.03ms G-Sync Compatible Curved Gaming Monitor

LS49DG910SNXZA

Samsung's 49" Odyssey OLED G9 Dual QHD Curved Gaming Monitors take gaming to new heights. Content springs to life with a wider color spectrum on a 5120 x 1440 resolution screen. VESA DisplayHDR True Black 400 delivers unmatched depth with vibrant colors and true blacks. OLED technology delivers near-instant reaction time with 0.03ms (GtG) response time and a 144Hz refresh rate. G-Sync Compatibility, along with AMD FreeSync™ Premium Pro, reduces choppiness, screen lag and image tearing. The wide 32:9 screen in Dual QHD resolution and 110 PPI provides an unrivalled level of clarity. OLED Safeguard automatically adjusts brightness, reduces heat, and dims during breaks. The HDMI 2.1, Micro HDMI, Display Port, USB-C Upstream and Downstream Ports provide convenient device connections and reduce cable clutter. Picture-in-Picture and Picture-by-Picture makes multitasking easy and efficient. The ergonomic stand can be tilted and adjusted for total gaming comfort, and the slim design features a premium metal finish to make a stylish statement. 3-Year Warranty.

Key features

DUAL QHD

OLED in Dual QHD

With OLED technology, enjoy a wider color spectrum and vibrant images that captivate you and take gaming to new heights. Content springs to life on a Dual QHD (5120 x 1440) resolution screen for unparalleled clarity and precision.

144Hz REFRESH RATE

144Hz refresh rate and 0.03ms response time

OLED technology delivers near-instant reaction time with a 0.03ms response time, paired with a 144Hz refresh rate for ultra-smooth and exhilarating gameplay.



VESA DisplayHDR True Black 400

Uncover every secret with infinite expression. See true black and dark colors on screen without pixel light bleed for supreme color and depth expression in every game.



G-Sync compatible

HG-Sync compatibility syncs the GPU and panel to reduce choppiness, screen lag and image tearing. Along with AMD FreeSync™ Premium Pro, it creates ultra-smooth scenes that let you game with a competitive edge.



3-year warranty

Samsung's monitor warranty ensures peace of mind for years to come.

Specifications

Model Code		LS49DG910SNXZA
Display	Screen Size (Class)	49"
	Flat / Curved	Curved
	Active Display Size (HxV) (mm)	1,196.7 x 339.2 mm / 47.1 x 13.4 in.
	Screen Curvature	1800R
	Aspect Ratio	32:09:00
	Panel Type	OLED
	Burn-In cover in warranty	Burn-in at normal usage covered within warranty. (but, not covered for commercial, abuse or misuse)
	Brightness (Typical)	250 cd/m²
	Brightness (Min)	200 cd/ m²
	Contrast Ratio (Static)	1,000,000:1
	HDR(High Dynamic Range)	VESA DisplayHDR True Black 400
	HDR10+	HDR10+ Gaming
	Resolution	DQHD (5,120 x 1,440)
	Response Time (ms)	0.03ms(GTG)
	Viewing Angle (H/V)	178 ° / 178 °
	Color Support	Max 1B
	Color Gamut (DCI Coverage)	99% (CIE1976)
General Features	Frame Rate	Max 144Hz
	Eye Saver Mode	Yes
	Flicker Free	Yes
	Picture-In-Picture	Yes
	Picture-By-Picture	Yes
	Quantum Dot Color	Yes
	Image Size	Yes
	Windows Certification	Windows11
	FreeSync	FreeSync Premium Pro
	G-Sync	G-Sync Compatible
	Off Timer Plus	Yes
	Black Equalizer	Yes
	Virtual AIM Point	Yes
	Super Arena Gaming UX	Yes
	Auto Source Switch	Auto Source Switch+
Operation Conditions	Temperature	0°C ~ 40°C °C
	Humidity	10% ~ 80% Non-Condensing %
Calibration	Factory Tunning	Yes
	Factory Calibration Report	Yes
Design	Front Color	Silver
	Rear Color	Silver
	Stand Color	Silver
	Stand Type	HAS
	HAS(Height Adjustable Stand)	120.0 ± 5.0
	Tilt	-2°(±2°) ~ 15°(±2°)
	Wall Mount	100 x 100
Power	Power Supply	AC 100~240V
	Power Consumption (Max)	220 W
	Type	External Adaptor
Dimension	Set Dimension with Stand (WxHxD)	1194.7 x 529.3 x 284.1 mm / 47.0 x 20.8 x 11.2 in.
	Set Dimension without Stand (WxHxD)	1194.7 x 365 x 180.8 mm / 47.0 x 14.4 x 7.1 in.
	Package Dimension (WxHxD)	1352 x 240 x 474 mm / 53.2 x 9.4 x 18.7 in.
Weight	Set Weight with Stand	12.6 kg / 27.8 lbs.
	Set Weight without Stand	8.8 kg / 19.4 lbs.
	Package Weight	18.1 kg / 39.9 lbs.
Accessory	Power Cable Length	1.5 m / 5 ft.
	DP Cable	Yes
	USB Type-C to Type-A Gender Cable	Yes
Warranty	Warranty	3 years

Front view



Back view



Side view



- USB Type-C Downstream/ SERVICE ● USB Type-C Downstream ● USB Type-C Upstream
- HDMI IN ● DP IN ● POWER ● Headphone OUT ● Micro HDMI IN