

SAMSUNG



49" Odyssey OLED G9 (G91SD) Dual QHD 144Hz 0.03ms DisplayHDR True Black 400 Curved Gaming Monitor

LS49DG91DSNXZA

Epic screen. Epic play.

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. AMD FreeSync™ keeps the GPU and panel synced up, which reduces choppiness, screen lag, and image tears. The wide 32:9 screen in Dual QHD resolution and 110 PPI provides an unrivaled 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



Detailed OLED worlds live on a wider, vibrant screen

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.



Dive into shadows with purer black levels

Experience true blacks and vibrant colors with no unwanted light leaking across the screen, delivering unmatched depth and clarity in every game.



Outmaneuver opponents with supreme speed

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.



Immerse in smooth action without disruption

Hyper action made seamless. Variable refresh rate (VRR) support with AMD FreeSync™ Premium Pro keeps the GPU and panel synced up to reduce choppiness, screen-lag, and image tears. Fast action and complex game scenes are stable with less stuttering for your competitive edge.



Win with a wider view and more pixels per inch

Don't sacrifice detail, even with a larger screen. With a wide 32:9 screen in Dual QHD resolution and 110 pixels per inch, you get the level of clarity you need to pick up on the small, but significant, details across the 49" screen.

Specifications

Model		LS49DG9IDSNXZA
Display	Screen Size (Class)	49"
	Flat / Curved	Curved
	Active Display Size (HxV) (mm)	1,196.7 x3 39.2
	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 mis-use)
	Brightness (Typical)	250 cd/m²
	Brightness (Min)	200 cd/m²
	Contrast Ratio (Static)	1,000,000:1
	Contrast Ratio (Dynamic)	N/A
	HDR(High Dynamic Range)	VESA DisplayHDR True Black 400
	HDR10+	HDR10+ Gaming
	Resolution	DQHD (5,120 x1,440)
	Response Time (ms)	0.03ms (GTG)
	Viewing Angle (H/V)	178° / 178°
	Color Support	Max 1B
	Color Gamut (DCI Coverage)	99% (CIE1976)
General Feature	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	No
	Off Timer Plus	Yes
	Black Equalizer	Yes
	Virtual AIM Point	Yes
	Super Arena Gaming UX	Yes
	Auto Source Switch	Auto Source Switch+
Interface	Display Port	1 EA
	Display Port Version	1.4
	HDCP Version (DP)	2.2
	HDMI	1 EA
	HDMI Version	2.1
	HDCP Version (HDMI)	2.2
	Micro HDMI	1
	Micro HDMI Version	2.1
	HDCP Version (Micro HDMI)	2.2
	Headphone	Yes
	USB Ports	No
	USB-C	No
	USB-C Upstream Port (ONLY DATA)	1
	USB Type-C Downstream Port	2
	USB Type-C Downstream Version	3.2 Gen1
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
Power	Tilt	-2°(±2°) ~15°(±2°)
	Wall Mount	100 x100
	Power Supply	AC 100~240V
Dimension	Power Consumption (Max)	220 W
	Type	External Adaptor
	Set Dimension with Stand (WxHxD)	1194.7 x 529.3 x 284.1 mm / 47.0 x 20.8 x 11.2 in.
Weight	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.
	Set Weight with Stand	12.6 kg / 27.8 lbs.
Accessory	Set Weight without Stand	8.8 kg / 19.4 lbs.
	Package Weight	18.1 kg / 39.9 lbs.
	Power Cable Length	1.5 m
Warranty	HDMI Cable	Yes
	DP Cable	Yes
	USB Type-C to Type-A Gender Cable	Yes
3 year warranty		

Front view



Back view



Side view



Connectivity



- ① USB Type-C Downstream/ SERVICE
- ② USB Type-C Downstream
- ③ USB Type-C Upstream
- ④ HDMI IN
- ⑤ DP IN
- ⑥ POWER
- ⑦ Headphone OUT
- ⑧ Micro HDMI IN

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