

Samsung 49" Odyssey OLED G91SD DQHD, 144Hz Gaming Monitor

Brand : Samsung

Product family: Odyssey

Product code:
LS49DG912SUXXU

Product name : 49" Odyssey
OLED G91SD DQHD, 144Hz
Gaming Monitor



- Odyssey OLED provides the lowest response time, 0.03ms GTG, with screen pixels changing colours with near instant response, enabling fast-paced action to flow with real-world accuracy
- Revolutionary OLED visuals bring brighter whites, deeper blacks and near infinite colour contrast
- React in real time with 144Hz refresh rate

49" Odyssey OLED G91SD DQHD, 144Hz Gaming Monitor

Samsung 49" Odyssey OLED G91SD DQHD, 144Hz Gaming Monitor. Display diagonal: 124.5 cm (49"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub. VESA mounting, Height adjustment. Product colour: Silver

Display		Ports & interfaces	
Display diagonal *	124.5 cm (49")	HDCP	✓
Display resolution *	5120 x 1440 pixels	HDCP version	2.2
HD type *	Dual QHD	Ergonomics	
Native aspect ratio *	32:9	VESA mounting *	✓
Display technology *	OLED	Panel mounting interface	100 x 100 mm
Touchscreen *	✗	Height adjustment *	✓
Display brightness (typical)	250 cd/m²	Tilt adjustment	✓
Display brightness (min)	200 cd/m²	Tilt angle range	-2 - 15°
Response time *	0.03 ms	Picture-in-Picture	✓
Response time measurement type	GTG (Gray to Gray)	Power	
Screen shape *	Curved	Energy efficiency class (SDR) *	G
Screen curvature rating	1800R	Energy efficiency class (HDR) *	G
Contrast ratio (dynamic)	1000000:1	Energy consumption (SDR) per 1000 hours *	49 kWh
Maximum refresh rate *	144 Hz	Energy consumption (HDR) per 1000 hours *	54 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	49 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.5 W
Display number of colours *	1 billion colours	Power consumption (max)	220 W
Viewable size, horizontal	119.7 cm	AC input voltage	100 - 240 V
Viewable size, vertical	33.9 cm	AC input frequency	50/60 Hz
Display diagonal (metric)	124 cm	Power supply type	External
High Dynamic Range (HDR) supported	✓	Energy efficiency scale	A to G
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ (HDR10 Plus)	Operational conditions	
Colour gamut	99%	Operating temperature (T-T)	0 - 40 °C
Quantum dot color technology	✓	Weight & dimensions	
Performance		Width (with stand)	1194.7 mm
NVIDIA G-SYNC *	✓	Depth (with stand)	284.1 mm
NVIDIA G-SYNC type	G-SYNC Compatible	Height (with stand)	529.3 mm
AMD FreeSync *	✓	Weight (with stand)	12.9 kg
AMD FreeSync type	FreeSync Premium Pro	Width (without stand)	1194.7 mm
Flicker-free technology	✓	Depth (without stand)	180.8 mm
Game features	Super Arena Gaming UX	Height (without stand)	365 mm
		Weight (without stand)	9.2 kg

Multimedia		Packaging data	
Built-in speaker(s) *	✗	Stand type	HAS stand
Built-in camera *	✗	Package width	1352 mm
Design		Package depth	474 mm
Market positioning *	Gaming	Package height	240 mm
Product colour *	Silver	Package weight	18.5 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Cables included	DisplayPort, Micro-HDMI to HDMI, Power, USB Type-A to USB Type-C
Number of USB Type-C upstream ports quantity	1	Power cable length	1.5 m
USB Type-C downstream ports quantity	2	Other features	
HDMI *	✓	Brand specific technologies	Black Equalizer
HDMI ports quantity	1	Picture-by-Picture (PbP)	✓
HDMI version	2.1	Samsung Eye Saver Mode	✓
Micro HDMI ports quantity	1	Image size	✓
DisplayPort out quantity	1	Factory tuning	✓
DisplayPort out version	1.4	Off Timer Plus	✓
Headphone out *	✓	Virtual AIM point	✓
		Auto source switch+	✓



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