

Samsung 49" Odyssey G91F 144Hz Gaming Monitor

Brand : Samsung

Product family: Odyssey

Product code:
LS49FG910EUXXU



Product name : 49" Odyssey
G91F 144Hz Gaming Monitor

- This ultra-wide 32:9 screen is equivalent to two side-by-side 16:9 monitors.
- DisplayHDR 600 delivers more contrast, with deeper blacks and brighter whites.
- Immerse yourself in a panoramic gaming experience with a 1000R curved display.

49" Odyssey G91F 144Hz Gaming Monitor

Samsung 49" Odyssey G91F 144Hz Gaming Monitor. Display diagonal: 124.5 cm (49"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display		Ergonomics	
Display diagonal *	124.5 cm (49")	Wall mountable	✓
Display resolution *	5120 x 1440 pixels	Height adjustment *	✓
HD type *	Dual QHD	Adjustable height (max)	12 cm
Native aspect ratio *	32:9	Swivelling	✓
Display technology *	LCD	Swivel angle range	-15 - 15°
Panel type *	VA	Tilt adjustment	✓
LED backlight	✗	Tilt angle range	-2 - 11°
Touchscreen *	✗	Picture-in-Picture	✓
Display brightness (typical)	350 cd/m²	On Screen Display (OSD)	✗
Display brightness (min)	280 cd/m²	Black eQualizer function	✓
Response time *	1 ms		
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Curved		
Screen curvature rating	1000R		
Contrast ratio (typical) *	2500:1		
Dynamic contrast ratio marketing name	Mega DCR		
Maximum refresh rate *	144 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1.07 billion colours		
Viewable size, horizontal	119.2 cm		
Viewable size, vertical	33.5 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 600, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)		
Colour gamut standard	DCI-P3		
Colour gamut	92%		
DCI-P3 coverage	92%		
Performance		Power	
NVIDIA G-SYNC *	✗	Energy efficiency class (SDR) *	G
AMD FreeSync *	✓	Energy efficiency class (HDR) *	G
AMD FreeSync type	FreeSync Premium Pro	Energy consumption (SDR) per 1000 hours *	45 kWh
Flicker-free technology	✓	Energy consumption (HDR) per 1000 hours *	118 kWh
Game features	Super Arena Gaming UX	Power consumption (typical) *	45 W
		Power consumption (standby) *	0.5 W
		Power consumption (max)	180 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	Internal
		Energy efficiency scale	A to G
		Annual energy consumption	66 kWh
Multimedia		Operational conditions	
Built-in speaker(s) *	✗	Operating temperature (T-T)	10 - 40 °C
Built-in microphone	✗	Operating relative humidity (H-H)	10 - 80%
		Non-operating relative humidity (non-condensing)	10 - 80%
		Weight & dimensions	
		Width (with stand)	1147.6 mm
		Depth (with stand)	420.5 mm
		Height (with stand)	568.4 mm
		Weight (with stand)	15.6 kg
		Width (without stand)	1147.6 mm
		Depth (without stand)	293.8 mm
		Height (without stand)	363.5 mm

Multimedia		Weight & dimensions	
Built-in camera *	✗	Weight (without stand)	10.6 kg
Design		Packaging data	
Market positioning *	Gaming	Stand type	HAS stand
Product colour *	Black	Package width	1265 mm
Feet colour	Black	Package depth	481 mm
Ports & interfaces		Package height	343 mm
Built-in USB hub *	✓	Package weight	20.6 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Packaging content	
Number of USB Type-B upstream ports quantity	1	Stand included	✓
USB Type-A downstream ports quantity	2	Cables included	DisplayPort
HDMI *	✓	Power cable length	1.5 m
HDMI ports quantity	2	Other features	
HDMI version	2.1	Brand specific technologies	Eye Saver, Black Equalizer
DisplayPorts quantity	1	Picture-by-Picture (PbP)	✓
DisplayPort version	1.4	Digital signal format system	Not supported
Headphone out *	✓	Samsung Eye Saver Mode	✓
HDCP	✓	Warranty period	2 year(s)
HDCP version	2.2	Image size	✓
Network		Adaptive picture	✓
Wi-Fi	✗	Off Timer Plus	✓
Ethernet LAN	✗	Factory calibration report	✓
Ergonomics		Virtual AIM point	✓
VESA mounting *	✓	Auto source switch+	✓
Panel mounting interface	100 x 100 mm	Supplied AC adapter type	Yes
		Certification	Windows11



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