

Samsung G91F computer monitor 124.5 cm (49") 5120 x 1440 pixels Dual QHD LCD Black

Brand : Samsung

Product family: Odyssey

Product code:
LS49FG916EUXEN

Product name : G91F

Samsung G91F. 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")	VESA mounting *	✓
Display resolution *	5120 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Dual QHD	Height adjustment *	✓
Native aspect ratio *	32:9	Adjustable height (max)	12 cm
Display technology *	LCD	Swivelling	✓
Panel type *	VA	Swivel angle range	-15 - 15°
LED backlight	✗	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-2 - 11°
Display brightness (typical)	350 cd/m²	Picture-in-Picture	✓
Display brightness (min)	280 cd/m²	On Screen Display (OSD)	✗
Response time *	1 ms		
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Curved	Power	
Screen curvature rating	1000R	Energy efficiency class (SDR) *	G
Contrast ratio (typical) *	2500:1	Energy efficiency class (HDR) *	G
Dynamic contrast ratio marketing name	Mega DCR	Energy consumption (SDR) per 1000 hours *	45 kWh
Maximum refresh rate *	144 Hz	Energy consumption (HDR) per 1000 hours *	118 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	45 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.5 W
Display number of colours *	1.07 billion colours	Power consumption (max)	180 W
Viewable size, horizontal	119.2 cm	AC input voltage	100 - 240 V
Viewable size, vertical	33.5 cm	AC input frequency	50/60 Hz
High Dynamic Range (HDR) supported	✓	Power supply type	Internal
High Dynamic Range (HDR) technology	DisplayHDR 600, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Energy efficiency scale	A to G
Colour gamut standard	DCI-P3	Operational conditions	
Colour gamut	92%	Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	1147.6 mm
AMD FreeSync *	✓	Depth (with stand)	420.5 mm
AMD FreeSync type	FreeSync Premium Pro	Height (with stand)	568.4 mm
Flicker-free technology	✓	Weight (with stand)	15.6 kg
Game features	Super Arena Gaming UX	Width (without stand)	1147.6 mm
		Depth (without stand)	293.8 mm

Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Height (without stand)	363.5 mm
Built-in microphone	✗	Weight (without stand)	10.6 kg
Built-in camera *	✗	Packaging data	
Design		Stand type	HAS stand
Market positioning *	Gaming	Package width	1265 mm
Product colour *	Black	Package depth	481 mm
Feet colour	Black	Package height	343 mm
Ports & interfaces		Package weight	20.6 kg
Built-in USB hub *	✓	Packaging content	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Stand included	✓
Number of USB Type-B upstream ports quantity	1	Cables included	DisplayPort, HDMI, Power, USB Type-A to USB Type-B
USB Type-A downstream ports quantity	2	Power cable length	1.5 m
HDMI *	✓	Other features	
HDMI ports quantity	2	Brand specific technologies	Black Equalizer
HDMI version	2.1	Picture-by-Picture (PbP)	✓
DisplayPorts quantity	1	Digital signal format system	Not supported
DisplayPort version	1.4	Samsung Eye Saver Mode	✓
Headphone out *	✓	Warranty period	2 year(s)
Network		Image size	✓
Wi-Fi	✗	Adaptive picture	✓
Ethernet LAN	✗	Off Timer Plus	✓
		Factory calibration report	✓
		Virtual AIM point	✓
		Auto source switch+	✓



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