

Samsung G81SF computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD OLED Silver

Brand : Samsung

Product family: Odyssey

Product code:
LS27FG812SUXEN

Product name : G81SF

Samsung G81SF. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 16:9, 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: Silver



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Height adjustment *	✓
Native aspect ratio *	16:9	Adjustable height (max)	12 cm
Display technology *	OLED	Pivot	✓
Panel type *	OLED	Pivot angle	-92 - 92°
LED backlight	✗	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-30 - 30°
Display brightness (typical)	250 cd/m²	Tilt adjustment	✓
Display brightness (min)	200 cd/m²	Tilt angle range	-2 - 25°
Response time *	0.03 ms	Picture-in-Picture	✓
Response time measurement type	GTG (Gray to Gray)	On Screen Display (OSD)	✗
Screen shape *	Flat	Power	
Contrast ratio (typical) *	1000000:1	Energy efficiency class (SDR) *	G
Maximum refresh rate *	240 Hz	Energy efficiency class (HDR) *	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	45 kWh
Viewing angle, vertical	178°	Energy consumption (HDR) per 1000 hours *	52 kWh
Display number of colours *	1 billion colours	Power consumption (typical) *	45 W
Viewable size, horizontal	59 cm	Power consumption (standby) *	0.5 W
Viewable size, vertical	33.3 cm	Power consumption (max)	140 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	AC input frequency	50/60 Hz
Colour gamut standard	DCI-P3	Power supply type	External
Colour gamut	99%	Energy efficiency scale	A to G
Quantum dot color technology	✓	Operational conditions	
Performance		Operating temperature (T-T)	10 - 40 °C
NVIDIA G-SYNC *	✗	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync *	✓	Weight & dimensions	
AMD FreeSync type	FreeSync Premium Pro	Width (with stand)	611.7 mm
Flicker-free technology	✓	Depth (with stand)	263.5 mm
Game features	Super Arena Gaming UX, Super Ultrawide GameView	Height (with stand)	554.2 mm
		Weight (with stand)	6.9 kg

Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Width (without stand)	611.7 mm
Built-in microphone	✗	Depth (without stand)	49.2 mm
Built-in camera *	✗	Height (without stand)	353.8 mm
		Weight (without stand)	3.8 kg
Design		Packaging data	
Market positioning *	Gaming	Stand type	HAS stand
Product colour *	Silver	Package width	684 mm
Feet colour	Silver	Package depth	464 mm
		Package height	200 mm
		Package weight	9.5 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Stand included	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Cables included	DisplayPort, HDMI, Power, USB Type-A to USB Type-B
Number of USB Type-B upstream ports quantity	1	Power cable length	1.5 m
USB Type-A downstream ports quantity	2		
HDMI *	✓	Other features	
HDMI ports quantity	2	Brand specific technologies	Black Equalizer
HDMI version	2.1	Digital signal format system	Not supported
DisplayPorts quantity	1	Samsung Eye Saver Mode	✓
DisplayPort version	1.4	Warranty period	2 year(s)
Headphone out *	✓	Image size	✓
Network		Off Timer Plus	✓
Wi-Fi	✗	Virtual AIM point	✓
Ethernet LAN	✗	Auto source switch+	✓



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