

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

Brand : Samsung

Product family: Odyssey

Product code:
LS27FG810SUXEN

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		
Contrast ratio (typical) *	1000000:1		
Maximum refresh rate *	240 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1 billion colours		
Viewable size, horizontal	59 cm		
Viewable size, vertical	33.3 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)		
Colour gamut standard	DCI-P3		
Colour gamut	99%		
Quantum dot color technology	✓		
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
		Energy consumption (HDR) per 1000 hours *	52 kWh
		Power consumption (typical) *	45 W
		Power consumption (standby) *	0.5 W
		Power consumption (max)	140 W
		AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	External
		Energy efficiency scale	A to G
		Operational conditions	
		Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
		Weight & dimensions	
		Width (with stand)	611.7 mm

Performance		Weight & dimensions	
Flicker-free technology	✓	Depth (with stand)	263.5 mm
Game features	Super Arena Gaming UX, Super Ultrawide GameView	Height (with stand)	554.2 mm
Multimedia		Weight (with stand)	6.9 kg
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
Design		Weight (without stand)	3.8 kg
Market positioning *	Gaming	Packaging data	
Product colour *	Silver	Stand type	HAS stand
Feet colour	Silver	Package width	684 mm
Ports & interfaces		Package depth	464 mm
Built-in USB hub *	✓	Package height	200 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package weight	9.5 kg
Number of USB Type-B upstream ports quantity	1	Packaging content	
USB Type-A downstream ports quantity	2	Stand included	✓
HDMI *	✓	Cables included	HDMI, Power
HDMI ports quantity	2	Power cable length	1.5 m
HDMI version	2.1	Other features	
DisplayPorts quantity	1	Brand specific technologies	Black Equalizer
DisplayPort version	1.4	Digital signal format system	Not supported
Headphone out *	✓	Samsung Eye Saver Mode	✓
Network		Warranty period	2 year(s)
Wi-Fi	✗	Image size	✓
Ethernet LAN	✗	Off Timer Plus	✓
		Virtual AIM point	✓
		Auto source switch+	✓



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