

Samsung G81SF computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD OLED Silver

Brand : Samsung

Product family: Odyssey

Product code:
LS32FG812SUXEN

Product name : G81SF

Samsung G815F. Display diagonal: 81.3 cm (32"), 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 *	81.3 cm (32")	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	Power	
Maximum refresh rate *	240 Hz	Energy efficiency class (SDR) *	G
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	38 kWh
Display number of colours *	1 billion colours	Energy consumption (HDR) per 1000 hours *	46 kWh
Viewable size, horizontal	69.9 cm	Power consumption (typical) *	38 W
Viewable size, vertical	39.5 cm	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) supported	✓	Power consumption (max)	180 W
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	AC input voltage	100 - 240 V
Colour gamut standard	DCI-P3	AC input frequency	50/60 Hz
Colour gamut	99%	Power supply type	External
Quantum dot color technology	✓	Energy efficiency scale	A to G
Performance		Operational conditions	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	10 - 40 °C
AMD FreeSync *	✓	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync type	FreeSync Premium Pro	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	719.7 mm
Game features	Super Arena Gaming UX, Super Ultrawide GameView	Depth (with stand)	263.5 mm
		Height (with stand)	584.6 mm
		Weight (with stand)	8.4 kg

Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Width (without stand)	719.7 mm
Built-in microphone	✗	Depth (without stand)	49.2 mm
Built-in camera *	✗	Height (without stand)	414.7 mm
		Weight (without stand)	5.3 kg
Design		Packaging data	
Market positioning *	Gaming	Stand type	HAS stand
Product colour *	Silver	Package width	815 mm
Feet colour	Silver	Package depth	530 mm
		Package height	200 mm
		Package weight	12 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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