

Samsung G80SH computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD OLED Silver

Brand : Samsung

Product family: Odyssey

Product code:
LS27HG800SUXEN

Product name : G80SH

Samsung G80SH. 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°
Touchscreen *	✗	Swivelling	✓
Display brightness (peak)	1000 cd/m²	Swivel angle range	-30 - 30°
Display brightness (typical)	250 cd/m²	Tilt adjustment	✓
Response time *	0.03 ms	Tilt angle range	-2 - 25°
Response time measurement type	GTG (Gray to Gray)	Black eQualizer function	✓
Screen shape *	Flat		
Contrast ratio (typical) *	1500000:1		
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		
Display diagonal (metric)	67 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10+ (HDR10 Plus)		
sRGB coverage (typical)	99%		
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 *	32 kWh
Flicker-free technology	✓	Energy consumption (HDR) per 1000 hours *	54 kWh
Multimedia		Power consumption (typical) *	32 W
Built-in speaker(s) *	✗	Power consumption (standby) *	0.5 W
Built-in camera *	✗	Power consumption (max)	220 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
		Depth (with stand)	263.9 mm
		Height (with stand)	563.6 mm
		Weight (with stand)	6.5 kg
		Width (without stand)	611.7 mm

Design		Weight & dimensions	
Market positioning *	Gaming	Depth (without stand)	49.2 mm
Product colour *	Silver	Height (without stand)	353.8 mm
Feet colour	Silver	Weight (without stand)	3.8 kg
Ports & interfaces		Packaging data	
Built-in USB hub *	✓	Stand type	HAS stand
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package width	684 mm
Number of USB Type-C upstream ports quantity	1	Package depth	185 mm
USB Type-A downstream ports quantity	2	Package height	451 mm
USB Power Delivery (USB PD)	✓	Package weight	9.1 kg
USB Power Delivery up to	98 W	Packaging content	
HDMI *	✓	Stand included	✓
HDMI ports quantity	2	Cables included	USB Type-C, Power, DisplayPort
HDMI version	2.1	Power cable length	1.5 m
DisplayPorts quantity	1	Other features	
Headphone out *	✓	Samsung Eye Saver Mode	✓
Headphone outputs	1	Image size	✓
HDCP	✓	Off Timer Plus	✓
HDCP version	2.2	Virtual AIM point	✓
		Auto source switch+	✓



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