

Samsung G80SD computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD OLED Silver

Brand : Samsung

Product family: Odyssey

Product code:
LS32DG800SUXEN

Product name : G80SD

Samsung G80SD. 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 speaker(s). Built-in USB hub, USB hub version: 2.0 / 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Silver



Display		Ergonomics	
Display diagonal *	81.3 cm (32")	Panel mounting interface	100 x 100 mm
Display resolution *	3840 x 2160 pixels	Height adjustment *	✓
HD type *	4K Ultra HD	Adjustable height (max)	5 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	OLED	Pivot angle	-92 - 92°
Panel type *	OLED	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	On Screen Display (OSD)	✗
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Flat		
Contrast ratio (typical) *	1000000:1		
Dynamic contrast ratio marketing name	Mega DCR		
Maximum refresh rate *	240 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1 billion colours		
Viewable size, horizontal	69.9 cm		
Viewable size, vertical	39.5 cm		
Display diagonal (metric)	80 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus)		
Colour gamut standard	DCI-P3		
Colour gamut	99%		
Performance		Power	
NVIDIA G-SYNC *	✓	Energy efficiency class (SDR) *	G
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency class (HDR) *	G
AMD FreeSync *	✓	Energy consumption (SDR) per 1000 hours *	47 kWh
AMD FreeSync type	FreeSync Premium Pro	Energy consumption (HDR) per 1000 hours *	65 kWh
Flicker-free technology	✓	Power consumption (typical) *	47 W
Game mode	✓	Power consumption (standby) *	0.5 W
		Power consumption (max)	180 W
		AC input voltage	220 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	External
		Energy efficiency scale	A to G
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
		Weight & dimensions	
		Width (with stand)	719.7 mm
		Depth (with stand)	263.5 mm
		Height (with stand)	584.6 mm
		Weight (with stand)	8.4 kg
		Width (without stand)	719.7 mm
		Depth (without stand)	49.2 mm

Performance		Weight & dimensions	
Game features	Super Ultrawide GameView	Height (without stand)	414.7 mm
Operating system installed	Tizen	Weight (without stand)	5.3 kg
Multimedia		Packaging data	
Number of speakers	1	Stand type	HAS stand
RMS rated power	10 W	Package width	815 mm
Built-in speaker(s) *	✓	Package depth	530 mm
Built-in camera *	✗	Package height	200 mm
Adaptive Sound Pro	✓	Package weight	12 kg
		Package type	Box
Design		Packaging content	
Market positioning *	Consumer	Stand included	✓
Product colour *	Silver	Cables included	AC, DisplayPort, HDMI
Feet colour	Silver	Remote control included	✓
		Power cable length	1.5 m
Ports & interfaces		Other features	
Built-in USB hub *	✓	Brand specific technologies	Eye Saver
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Sound mirroring	✓
USB upstream port type	USB Type-B	Screen mirroring	✓
Number of upstream ports	1	TV Plus	✓
USB Type-A downstream ports quantity	2	SmartThings app support	✓
HDMI *	✓	Works with Samsung Bixby	✓
HDMI ports quantity	2	Tap view	✓
HDMI version	2.1	Virtual assistant	Amazon Alexa & Samsung Bixby
DisplayPorts quantity	1	Far-field voice interaction	✓
DisplayPort version	1.4	Universal guide	✓
Headphone out *	✗	Multi View	✓
Built-in KVM switch	✗	Digital signal format system	Not supported
HDCP	✓	Samsung Eye Saver Mode	✓
HDCP version	2.2	Warranty period	2 year(s)
DC-in jack	✓	Wireless display	✓
Service port type	USB Type-A	Adaptive picture	✓
Network		Off Timer Plus	✓
Wi-Fi	✓	Smart calibration	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Workspace	✓
Bluetooth	✓	Auto source switch+	✓
Bluetooth version	5.2	Supplied AC adapter type	✓
Ethernet LAN	✗	Certification	Windows 11
Ergonomics			
VESA mounting *	✓		



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