

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	Power	
Contrast ratio (typical) *	1000000:1	Energy efficiency class (SDR) *	G
Dynamic contrast ratio marketing name	Mega DCR	Energy efficiency class (HDR) *	G
Maximum refresh rate *	240 Hz	Energy consumption (SDR) per 1000 hours *	47 kWh
Viewing angle, horizontal	178°	Energy consumption (HDR) per 1000 hours *	65 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	47 W
Display number of colours *	1 billion colours	Power consumption (standby) *	0.5 W
Viewable size, horizontal	69.9 cm	Power consumption (max)	180 W
Viewable size, vertical	39.5 cm	AC input voltage	220 - 240 V
Display diagonal (metric)	80 cm	AC input frequency	50/60 Hz
High Dynamic Range (HDR) supported	✓	Power supply type	External
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus)	Energy efficiency scale	A to G
Colour gamut standard	DCI-P3	Operational conditions	
Colour gamut	99%	Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✓	Width (with stand)	719.7 mm
NVIDIA G-SYNC type	G-SYNC Compatible	Depth (with stand)	263.5 mm
AMD FreeSync *	✓	Height (with stand)	584.6 mm
AMD FreeSync type	FreeSync Premium Pro	Weight (with stand)	8.4 kg
Flicker-free technology	✓	Width (without stand)	719.7 mm
Game mode	✓	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	AC
Ethernet LAN	✗	Certification	Windows 11
Ergonomics			
VESA mounting *	✓		



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