

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

Brand : Samsung **Product family:** Odyssey **Product code:** LS32DG802SUXEN

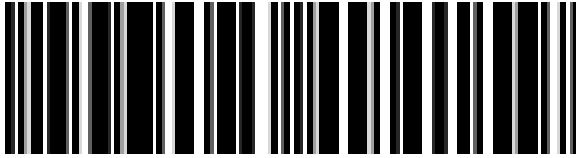
Product name : G80SD

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: 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	Cable management	✓
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	OLED	Height adjustment	12 cm
Panel type *	OLED	Pivot	✓
Touchscreen *	✗	Pivot angle	-30 - 30°
Display brightness (typical)	250 cd/m²	Swivelling	✓
Display brightness (min)	200 cd/m²	Swivel angle range	-92 - 92°
Response time *	0.03 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-2 - 25°
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	100 - 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+ Gaming (HDR10 Plus Gaming)	Energy efficiency scale	A to F
Colour gamut standard	DCI-P3	European Product Registry for Energy Labelling (EPREL) code	1993280
Colour gamut	99%	Operational conditions	
Performance		Operating temperature (T-T)	0 - 40 °C
NVIDIA G-SYNC *	✓	Operating relative humidity (H-H)	10 - 80%
NVIDIA G-SYNC type	G-SYNC Compatible	Weight & dimensions	
AMD FreeSync *	✓	Width (with stand)	719.7 mm
AMD FreeSync type	FreeSync Premium Pro	Depth (with stand)	563.5 mm
Flicker-free technology	✓	Height (with stand)	584.6 mm
Game mode	✓	Weight (with stand)	8.4 kg

Performance		Weight & dimensions	
Game features	Super Ultrawide GameView	Width (without stand)	719.7 mm
Operating system installed	Tizen	Depth (without stand)	49.2 mm
Multimedia		Height (without stand)	414.7 mm
Number of speakers	1	Weight (without stand)	5.3 kg
RMS rated power	10 W	Packaging data	
Built-in speaker(s) *	✓	Stand type	HAS stand
Built-in camera *	✗	Package width	815 mm
Adaptive Sound Pro	✓	Package depth	530 mm
Design		Package height	200 mm
Market positioning *	Consumer	Package weight	12 kg
Product colour *	Silver	Packaging content	
Feet colour	Silver	Cables included	AC, DisplayPort, HDMI, USB
Ports & interfaces		Remote control included	✓
Built-in USB hub *	✓	Power cable length	1.5 m
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Other features	
USB upstream port type	USB Type-B	Brand specific technologies	Eye Saver, Gaming Hub, Ultrawide GameView, Game Bar 2.0, Smart Calibration, Glare Free, Dynamic Black Equalizer, AI Motion Enhancer Pro, Active Voice Amplifier Pro
Number of upstream ports	1		
USB Type-A downstream ports quantity	2	Sound mirroring Screen mirroring TV Plus SmartThings app support Works with Samsung Bixby Virtual assistant Far-field voice interaction Universal guide Multi View Samsung Eye Saver Mode Wireless display Adaptive picture Off Timer Plus Smart calibration Workspace My contents Auto source switch+ Compliance certificates Certification	Amazon Alexa & Samsung Bixby
HDMI *	✓		
HDMI ports quantity	2		
HDMI version	2.1		
DisplayPort out quantity	1		
DisplayPort out version	1.4		
Headphone out *	✗		
Built-in KVM switch	✗		
HDCP	✓		
HDCP version	2.2		
DC-in jack	✓		
Service port type	USB Type-A		
Network			
Wi-Fi	✓		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)		
Bluetooth	✓		
Bluetooth version	5.2		



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