

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

Brand : Samsung

Product family: Odyssey

Product code:
LS32DG802SUXDU

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	Adjustable height (max)	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		
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+ Gaming (HDR10 Plus Gaming)		
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	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	External
		Energy efficiency scale	A to F
		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)	563.5 mm
		Height (with stand)	584.6 mm
		Weight (with stand)	8.4 kg
		Width (without stand)	719.7 mm

Performance		Weight & dimensions	
Game features	Super Ultrawide GameView	Depth (without stand)	49.2 mm
Operating system installed	Tizen	Height (without stand)	414.7 mm
Multimedia		Weight (without stand)	5.3 kg
Number of speakers	1	Packaging data	
RMS rated power	10 W	Stand type	HAS stand
Built-in speaker(s) *	✓	Package width	815 mm
Built-in camera *	✗	Package depth	530 mm
Adaptive Sound Pro	✓	Package height	200 mm
Design		Package weight	12 kg
Market positioning *	Consumer	Packaging content	
Product colour *	Silver	Cables included	AC, DisplayPort, HDMI, USB
Feet colour	Silver	Remote control included	✓
Ports & interfaces		Power cable length	1.5 m
Built-in USB hub *	✓	Other features	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	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
USB upstream port type	USB Type-B		
Number of upstream ports	1	Sound mirroring	✓
USB Type-A downstream ports quantity	2	Screen mirroring	✓
HDMI *	✓	TV Plus	✓
HDMI ports quantity	2	SmartThings app support	✓
HDMI version	2.1	Works with Samsung Bixby	✓
DisplayPort out quantity	1	Virtual assistant	Amazon Alexa & Samsung Bixby
DisplayPort out version	1.4	Far-field voice interaction	✓
Headphone out *	✗	Universal guide	✓
Built-in KVM switch	✗	Multi View	✓
HDCP	✓	Samsung Eye Saver Mode	✓
HDCP version	2.2	Wireless display	✓
DC-in jack	✓	Adaptive picture	✓
Service port type	USB Type-A	Off Timer Plus	✓
Network		Smart calibration	✓
Wi-Fi	✓	Workspace	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Auto source switch+	✓
Bluetooth	✓	Compliance certificates	UL
Bluetooth version	5.2	Supplied AC adapter type	AC
		Certification	Windows 11



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