

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	Power	
Dynamic contrast ratio marketing name	Mega DCR	Energy efficiency class (SDR) *	G
Maximum refresh rate *	240 Hz	Energy efficiency class (HDR) *	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	47 kWh
Viewing angle, vertical	178°	Energy consumption (HDR) per 1000 hours *	65 kWh
Display number of colours *	1 billion colours	Power consumption (typical) *	47 W
Viewable size, horizontal	69.9 cm	Power consumption (standby) *	0.5 W
Viewable size, vertical	39.5 cm	Power consumption (max)	180 W
Display diagonal (metric)	80 cm	AC input voltage	100 - 240 V
High Dynamic Range (HDR) supported	✓	AC input frequency	50/60 Hz
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Power supply type	External
Colour gamut standard	DCI-P3	Energy efficiency scale	A to F
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
		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		
USB Type-A downstream ports quantity	2	Sound mirroring	✓
HDMI *	✓	Screen mirroring	✓
HDMI ports quantity	2	TV Plus	✓
HDMI version	2.1	SmartThings app support	✓
DisplayPort out quantity	1	Works with Samsung Bixby	✓
DisplayPort out version	1.4	Virtual assistant	Amazon Alexa & Samsung Bixby
Headphone out *	✗	Far-field voice interaction	✓
Built-in KVM switch	✗	Universal guide	✓
HDCP	✓	Multi View	✓
HDCP version	2.2	Samsung Eye Saver Mode	✓
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	Compliance certificates	UL
		Supplied AC adapter type	AC
		Certification	Windows 11



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