

Samsung 32" Odyssey OLED G80SD UHD, 240Hz Smart Gaming Monitor

Brand : Samsung **Product family:** Odyssey **Product code:** LS32DG802SUXXU

Product name : 32" Odyssey
OLED G80SD UHD, 240Hz Smart
Gaming Monitor

- Content springs to life in 4K OLED
 - Dive into shadows with purer black levels
 - Focus without distraction with OLED Glare Free technology
- LS32DG802SUXXU

Samsung 32" Odyssey OLED G80SD UHD, 240Hz Smart Gaming Monitor. 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")	Panel mounting interface	100 x 100 mm
Display resolution *	3840 x 2160 pixels	Cable management	✓
HD type *	4K Ultra HD	Height adjustment *	✓
Native aspect ratio *	16:9	Height adjustment	12 cm
Display technology *	OLED	Pivot	✓
Panel type *	OLED	Pivot angle	-30 - 30°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	250 cd/m²	Swivel angle range	-92 - 92°
Response time *	0.03 ms	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-2 - 25°
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	European Product Registry for Energy Labelling (EPREL) code	1993280
Colour gamut	99%	Operational conditions	
Performance		Operating temperature (T-T)	0 - 40 °C
AMD FreeSync *	✓	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync type	FreeSync Premium Pro	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	719.7 mm
Operating system installed	Tizen	Depth (with stand)	563.5 mm
Multimedia		Height (with stand)	584.6 mm
RMS rated power	10 W	Weight (with stand)	8.4 kg
Built-in speaker(s) *	✓	Width (without stand)	719.7 mm
		Depth (without stand)	49.2 mm

Design		Weight & dimensions	
Market positioning *	Gaming	Height (without stand)	414.7 mm
Product colour *	Silver	Weight (without stand)	5.3 kg
Feet colour	Silver	Packaging data	
Ports & interfaces		Package width	815 mm
Built-in USB hub *	✓	Package depth	530 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package height	200 mm
USB upstream port type	USB Type-B	Package weight	12 kg
Number of upstream ports	1	Packaging content	
USB Type-A downstream ports quantity	2	Cables included	AC, DisplayPort, HDMI, USB
HDMI *	✓	Remote control included	✓
HDMI ports quantity	2	Power cable length	1.5 m
HDMI version	2.1	Other features	
DisplayPort out quantity	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
DisplayPort out version	1.4		
HDCP	✓		
HDCP version	2.2	Dial point	✓
DC-in jack	✓	TV Plus	✓
Service port type	USB Type-A	SmartThings app support	✓
Network		Virtual assistant	Amazon Alexa & Samsung Bixby
Wi-Fi	✓	Far-field voice interaction	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Universal guide	✓
Bluetooth	✓	Multi View	✓
Bluetooth version	5.2	Adaptive picture	✓
Ergonomics		Compliance certificates	UL
VESA mounting *	✓	Certification	Windows 11



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