SAMSUNG

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

Brand : Samsung

Product family: Odyssey
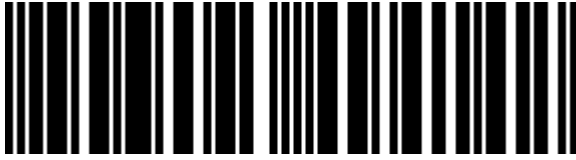
Product code:
LS32DG800SUXEN

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, 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	
Display diagonal *	81.3 cm (32")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	OLED
Panel type *	OLED
LED backlight	✘
Touchscreen *	✘
Display brightness (typical)	250 cd/m²
Screen shape *	Flat
Contrast ratio (typical) *	1000000:1
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Response time (fast)	0.03 ms
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+ (HDR10 Plus)
Colour gamut standard	DCI-P3
Colour gamut	99%

Performance	
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
Brand specific technologies	Eye Saver
Flicker-free technology	✔
Sound mirroring	✔

Ports & interfaces	
Built-in KVM switch	✘
HDCP	✔
HDCP version	2.2

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
Ethernet LAN	✘

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Height adjustment *	✔
Height adjustment	5 cm
Pivot	✔
Pivot angle	-92 - 92°
Swivelling	✔
Swivel angle range	-30 - 30°
Tilt adjustment	✔
Tilt angle range	-2 - 25°
On Screen Display (OSD)	✘

Power	
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	47 kWh
Energy consumption (HDR) per 1000 hours *	65 kWh
Power consumption (typical) *	47 W

Performance

Screen mirroring	✔
Game mode	✔
Game features	Super Ultrawide GameView
Works with Samsung Bixby	✔
Tap view	✔
Virtual assistant	Amazon Alexa
Far-field voice interaction	✔
Universal guide	✔
Multi View	✔
Operating system installed	Tizen
Adaptive picture	✔

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✘
Number of speakers	1
RMS rated power	10 W
Built-in microphone	✘
Adaptive Sound Pro	✔

Design

Market positioning *	Gaming
Product colour *	Silver
Housing material	Recycled plastic
Feet colour	Silver

Ports & interfaces

Built-in USB hub *	✔
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)
Number of upstream ports	2
Number of USB Type-B upstream ports quantity	2
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
Micro HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4

Power

Power consumption (standby) *	0.5 W
Power consumption (max)	180 W
AC input voltage	220 - 240 V
AC input frequency	50/60 Hz
European Product Registry for Energy Labelling (EPREL) code	1993278

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Packaging content

Stand included	✔
Cables included	DisplayPort, HDMI
Remote control included	✔
Power cable length	1.5 m

Weight & dimensions

Width (with stand)	719.7 mm
Depth (with stand)	263.5 mm
Height (with stand)	584.6 mm
Weight (with stand)	8.4 kg
Width (without stand)	719.7 mm
Depth (without stand)	49.2 mm
Height (without stand)	414.7 mm
Weight (without stand)	5.3 kg

Packaging data

Package width	815 mm
Package depth	530 mm
Package height	200 mm
Package weight	12 kg
Package type	Box

Technical details

Warranty period	2 year(s)

Other features

Digital signal format system	Not supported

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