

Samsung G80HS computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD OLED Black

Brand : Samsung

Product family: Odyssey

Product code:
LS32HG802ESXEN

Product name : G80HS

Samsung G80HS. 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 USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	81.3 cm (32")	HDCP	✓
Display resolution *	3840 x 2160 pixels	HDCP version	2.2
HD type *	4K Ultra HD	Ergonomics	
Native aspect ratio *	16:9	VESA mounting *	✓
Display technology *	OLED	Panel mounting interface	100 x 100 mm
Panel type *	OLED	Height adjustment *	✓
Touchscreen *	✗	Adjustable height (max)	12 cm
Display brightness (peak)	1000 cd/m²	Pivot	✓
Display brightness (typical)	250 cd/m²	Pivot angle	-92 - 92°
Display brightness	250 cd/m²	Swivelling	✓
Response time *	0.03 ms	Swivel angle range	-30 - 30°
Response time measurement type	GTG (Gray to Gray)	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-2 - 25°
Contrast ratio (typical) *	1500000:1	Black eQualizer function	✓
Maximum refresh rate *	240 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	G
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	1 billion colours	Energy consumption (SDR) per 1000 hours *	33 kWh
Viewable size, horizontal	69.9 cm	Energy consumption (HDR) per 1000 hours *	92 kWh
Viewable size, vertical	39.5 cm	Power consumption (typical) *	33 W
Display diagonal (metric)	80 cm	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) supported	✓	Power consumption (max)	240 W
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), DisplayHDR True Black 500	AC input voltage	100 - 240 V
sRGB coverage (typical)	99%	AC input frequency	50/60 Hz
Performance		Power supply type	External
NVIDIA G-SYNC *	✗	Energy efficiency scale	A to G
NVIDIA G-SYNC type	G-SYNC Compatible	Operational conditions	
AMD FreeSync *	✓	Operating temperature (T-T)	10 - 40 °C
AMD FreeSync type	FreeSync Premium Pro	Operating relative humidity (H-H)	10 - 80%
Flicker-free technology	✓	Weight & dimensions	
Game features	Super Arena Gaming UX	Width (with stand)	714.5 mm
Multimedia			
Built-in speaker(s) *	✗		

Multimedia		Weight & dimensions	
Built-in camera *	✗	Depth (with stand)	263.9 mm
Design		Height (with stand)	594.5 mm
Market positioning *	Gaming	Weight (with stand)	7.8 kg
Product colour *	Black	Width (without stand)	714.5 mm
Feet colour	Black	Depth (without stand)	59.6 mm
Ports & interfaces		Height (without stand)	422.3 mm
Built-in USB hub *	✓	Weight (without stand)	5.3 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Packaging data	
Number of USB Type-C upstream ports quantity	1	Stand type	HAS stand
USB Type-A downstream ports quantity	2	Package width	790 mm
USB Type-B downstream ports quantity	1	Package depth	545 mm
USB Power Delivery (USB PD)	✓	Package height	163 mm
USB Power Delivery up to	98 W	Package weight	10.4 kg
HDMI *	✓	Packaging content	
HDMI ports quantity	2	Stand included	✓
HDMI version	2.1	Cables included	USB Type-C, Power, HDMI, DisplayPort
DisplayPorts quantity	1	Power cable length	1.5 m
DisplayPort version	2.1	Other features	
Headphone out *	✓	Samsung Eye Saver Mode	✓
Headphone outputs	1	Image size	✓
		Off Timer Plus	✓
		Factory calibration report	✓
		Virtual AIM point	✓
		Auto source switch+	✓



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