

Samsung 32" Odyssey G8 G80HS Dual Mode 330Hz Gaming Monitor

Brand : Samsung

Product family: Odyssey

Product code:
LS32HG806ESXXU



Product name : 32" Odyssey
G8 G80HS Dual Mode 330Hz
Gaming Monitor

- 6K resolution: Next-level gaming. Now in 6K.
- Fast IPS: Vivid colors across the whole screen
- HDR10+ Gaming: In-depth detail for a competitive edge
32" Odyssey G8 G80HS Dual Mode 330Hz Gaming Monitor
Samsung 32" Odyssey G8 G80HS Dual Mode 330Hz Gaming Monitor. Display diagonal: 81.3 cm (32"), Display resolution: 6144 x 3456 pixels, HD type: 6K Ultra HD, Display technology: LCD, Response time: 1 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		Ergonomics	
Display diagonal *	81.3 cm (32")	Wall mountable	✓
Display resolution *	6144 x 3456 pixels	Height adjustment *	✓
HD type *	6K Ultra HD	Adjustable height (max)	12 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LCD	Pivot angle	-92 - 92°
Panel type *	IPS	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-30 - 30°
Display brightness (peak)	350 cd/m²	Tilt adjustment	✓
Display brightness (typical)	400 cd/m²	Tilt angle range	-2 - 25°
Display brightness (min)	250 cd/m²	Black eQualizer function	✓
Response time *	1 ms		
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Flat	Power	
Contrast ratio (typical) *	1000:1	Energy efficiency class (SDR) *	G
Maximum refresh rate *	330 Hz	Energy efficiency class (HDR) *	G
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	33 kWh
Viewing angle, vertical	178°	Energy consumption (HDR) per 1000 hours *	92 kWh
Display number of colours *	1 billion colours	Power consumption (typical) *	33 W
Viewable size, horizontal	69.7 cm	Power consumption (standby) *	0.5 W
Viewable size, vertical	39.2 cm	Power consumption (max)	100 W
Display diagonal (metric)	80 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	AC input frequency	50/60 Hz
Colour gamut standard	sRGB	Power supply type	External
sRGB coverage (typical)	99%	Energy efficiency scale	A to G
		Annual energy consumption	48 kWh
Performance		Operational conditions	
NVIDIA G-SYNC *	✓	Operating temperature (T-T)	10 - 40 °C
NVIDIA G-SYNC type	G-SYNC Compatible	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync *	✓	Non-operating relative humidity (non-condensing)	10 - 80%
AMD FreeSync type	FreeSync Premium		
Flicker-free technology	✓	Weight & dimensions	
Game features	Super Arena Gaming UX	Width (with stand)	714.5 mm
Multimedia		Depth (with stand)	263.9 mm
Built-in speaker(s) *	✗	Height (with stand)	595.4 mm
Built-in camera *	✗	Weight (with stand)	7.4 kg
		Width (without stand)	714.5 mm

Design		Weight & dimensions	
Market positioning *	Gaming	Depth (without stand)	59.6 mm
Product colour *	Black	Height (without stand)	422.3 mm
Feet colour	Black	Weight (without stand)	4.9 kg
Ports & interfaces		Packaging data	
Built-in USB hub *	✓	Stand type	HAS stand
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package width	790 mm
Number of USB Type-B upstream ports quantity	1	Package depth	163 mm
USB Type-A downstream ports quantity	2	Package height	545 mm
HDMI *	✓	Package weight	10.4 kg
HDMI ports quantity	2	Packaging content	
HDMI version	2.1	Stand included	✓
DisplayPorts quantity	1	Cables included	HDMI, Power, DisplayPort, USB Type-A to USB Type-B
DisplayPort version	2.1	Power cable length	1.5 m
Headphone out *	✓	Other features	
Headphone outputs	1	Brand specific technologies	Eye Saver, Black Equalizer, Core Sync
HDCP	✓	Samsung Eye Saver Mode	✓
HDCP version	2.2	Image size	✓
Ergonomics		Off Timer Plus	✓
VESA mounting *	✓	Factory calibration report	✓
Panel mounting interface	100 x 100 mm	Virtual AIM point	✓
		Auto source switch+	✓
		Certification	Windows11

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