

Samsung 27" Odyssey G8 G80HF Dual Mode 360Hz Gaming Monitor

Brand : Samsung

Product family: Odyssey

Product code:
LS27HG806EFXXU



Product name : 27" Odyssey
G8 G80HF Dual Mode 360Hz
Gaming Monitor

- 5K resolution: Immersive gameplay with striking 5K visuals
- Fast IPS: Vivid colors across the whole screen
- HDR10+ Gaming: In-depth detail for a competitive edge

27" Odyssey G8 G80HF Dual Mode 360Hz Gaming Monitor

Samsung 27" Odyssey G8 G80HF Dual Mode 360Hz Gaming Monitor. Display diagonal: 68.6 cm (27"), Display resolution: 5120 x 2880 pixels, HD type: 5K 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 *	68.6 cm (27")	Wall mountable	✓
Display resolution *	5120 x 2880 pixels	Height adjustment *	✓
HD type *	5K 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		
Contrast ratio (typical) *	1000:1		
Maximum refresh rate *	360 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1 billion colours		
Viewable size, horizontal	59.6 cm		
Viewable size, vertical	33.5 cm		
Display diagonal (metric)	68 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)		
Colour gamut standard	sRGB		
sRGB coverage (typical)	99%		
Performance		Power	
NVIDIA G-SYNC *	✓	Energy efficiency class (SDR) *	F
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency class (HDR) *	G
AMD FreeSync *	✓	Energy consumption (SDR) per 1000 hours *	26 kWh
AMD FreeSync type	FreeSync Premium	Energy consumption (HDR) per 1000 hours *	61 kWh
Flicker-free technology	✓	Power consumption (typical) *	26 W
Game features	Super Arena Gaming UX	Power consumption (standby) *	0.5 W
		Power consumption (max)	78 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	External
		Energy efficiency scale	A to G
		Annual energy consumption	38 kWh
Multimedia		Operational conditions	
Built-in speaker(s) *	✗	Operating temperature (T-T)	10 - 40 °C
Built-in camera *	✗	Operating relative humidity (H-H)	10 - 80%
		Non-operating relative humidity (non-condensing)	10 - 80%
		Weight & dimensions	
		Width (with stand)	614.1 mm
		Depth (with stand)	263.9 mm
		Height (with stand)	566.6 mm
		Weight (with stand)	6.2 kg
		Width (without stand)	614.1 mm

Design		Weight & dimensions	
Market positioning *	Gaming	Depth (without stand)	59.6 mm
Product colour *	Black	Height (without stand)	365.1 mm
Feet colour	Black	Weight (without stand)	3.7 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	665 mm
Number of USB Type-B upstream ports quantity	1	Package depth	153 mm
USB Type-A downstream ports quantity	2	Package height	477 mm
HDMI *	✓	Package weight	8.3 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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