

## Samsung Neo G8 computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD Black, White

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS32BG850NUXXU

**Product name :** Neo G8

- Technology: 240Hz Refresh Rate, 1ms response time, Quantum HDR 2000, Mini LED  
 - Connections: HDMI, Display Port, Headphone  
 - Great for: Serious Gaming, productivity & Streaming  
 32", 3840 x 2160, 240Hz, 350cd/m<sup>2</sup>, 1000000:1, 1000 cd/m<sup>2</sup>, Quantum HDR 2000, 1000R, HDMI, USB Hub, 40.8 W, 100 - 240V, 713 x 606.4 x 311.1 mm, 8.9 kg  
 Samsung Neo G8. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black, White



Display		Ergonomics	
Display diagonal *	81.3 cm (32")	Height adjustment *	✓
Display resolution *	3840 x 2160 pixels	Height adjustment	12 cm
HD type *	4K Ultra HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-92 - 92°
Panel type *	VA	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-15 - 15°
Display brightness (typical)	350 cd/m <sup>2</sup>	Tilt adjustment	✓
Response time *	1 ms	Tilt angle range	-9 - 13°
Screen shape *	Curved	Picture-in-Picture	✓
Screen curvature rating	1000R	<b>Power</b>	
Aspect ratio	16:9, 21:9	Energy efficiency class (SDR) *	G
Contrast ratio (typical) *	1000000:1	Energy efficiency class (HDR) *	G
Dynamic contrast ratio marketing name	Mega DCR	Energy consumption (SDR) per 1000 hours *	41 kWh
Maximum refresh rate *	240 Hz	Energy consumption (HDR) per 1000 hours *	104 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	40.8 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	1 billion colours	AC input voltage	100 - 240 V
Display diagonal (metric)	80 cm	Power supply type	External
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Quantum HDR 2000	European Product Registry for Energy Labelling (EPREL) code	1201981
Colour gamut	95%	<b>Operational conditions</b>	
<b>Performance</b>		Operating temperature (T-T)	10 - 40 °C
NVIDIA G-SYNC *	✗	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync *	✓	<b>Weight &amp; dimensions</b>	
AMD FreeSync type	FreeSync Premium Pro	Width (with stand)	713 mm
Flicker-free technology	✓	Depth (with stand)	311.1 mm
Smart modes	Cinema, RPG, Sports	Height (with stand)	606.4 mm
<b>Multimedia</b>		Weight (with stand)	8.9 kg
Built-in speaker(s) *	✗	Width (without stand)	713 mm
Built-in camera *	✗	Depth (without stand)	173 mm
<b>Design</b>		Height (without stand)	434.8 mm
Market positioning *	Gaming	Weight (without stand)	7 kg

Design		Packaging data	
Product colour *	Black, White	Package width	827 mm
Ports & interfaces		Package depth	530 mm
Built-in USB hub *	✓	Package height	236 mm
HDMI *	✓	Package weight	12.2 kg
HDMI ports quantity	2	Packaging content	
HDMI version	2.1	Stand included	✓
DisplayPorts quantity	1	Other features	
DisplayPort version	1.4	Local dimming zones	1196
Headphone out *	✓	Logistics data	
HDCP	✓	Harmonized System (HS) code	85285210
HDCP version	2.2		
Ergonomics			
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Wall mountable	✓		



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