SAMSUNG

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/▯, 1000000:1, 1000 cd/▯, 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
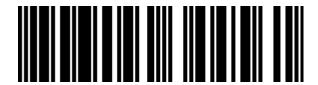
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Display

Display diagonal *	81.3 cm (32")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Panel type *	VA
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	1 ms
Screen shape *	Curved
Screen curvature rating	1000R
Aspect ratio	16:9, 21:9
Contrast ratio (typical) *	1000000:1
Dynamic contrast ratio marketing name	Mega DCR
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 billion colours
Display diagonal (metric)	80 cm
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Quantum HDR 2000
Colour gamut	95%

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
Flicker-free technology	✔
Smart modes	Cinema, RPG, Sports

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Gaming

Ergonomics

Height adjustment *	✔
Height adjustment	12 cm
Pivot	✔
Pivot angle	-92 - 92°
Swivelling	✔
Swivel angle range	-15 - 15°
Tilt adjustment	✔
Tilt angle range	-9 - 13°
Picture-in-Picture	✔

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	41 kWh
Energy consumption (HDR) per 1000 hours *	104 kWh
Power consumption (typical) *	40.8 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
Power supply type	External
European Product Registry for Energy Labelling (EPREL) code	1201981

Operational conditions

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

Weight & dimensions

Width (with stand)	713 mm
Depth (with stand)	311.1 mm
Height (with stand)	606.4 mm
Weight (with stand)	8.9 kg
Width (without stand)	713 mm
Depth (without stand)	173 mm
Height (without stand)	434.8 mm
Weight (without stand)	7 kg

Design

Product colour *	Black, White

Ports & interfaces

Built-in USB hub *	✔
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
HDCP	✔
HDCP version	2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔

Packaging data

Package width	827 mm
Package depth	530 mm
Package height	236 mm
Package weight	12.2 kg

Packaging content

Stand included	✔

Other features

Local dimming zones	1196

Logistics data

Harmonized System (HS) code	85285210

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