

# Samsung Odyssey Neo G8 G85NB computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD LED White

Brand : Samsung

Product family: Odyssey

Product code:  
LS32BG850NPXEN

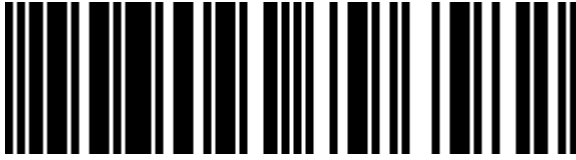
Product name : G85NB

Samsung Odyssey Neo G8 G85NB. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, 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: White



Display		Ports & interfaces	
Display diagonal *	81.3 cm (32")	HDCP version	2.2
Display resolution *	3840 x 2160 pixels	DC-in jack	✓
HD type *	4K Ultra HD	<b>Ergonomics</b>	
Native aspect ratio *	16:9	VESA mounting *	✓
Display technology *	LED	Panel mounting interface	100 x 100 mm
Panel type *	VA	Cable management	✓
LED backlight	✓	Cable lock slot *	✓
Backlight type	Mini LED	Height adjustment *	✓
Touchscreen *	✗	Height adjustment	12 cm
Display brightness (typical)	350 cd/m <sup>2</sup>	Pivot	✓
Response time	1 ms	Pivot angle	-92 - 92°
Screen shape *	Curved	Swivelling	✓
Screen curvature rating	1000R	Swivel angle range	-15 - 15°
Video colour modes	Cinema, Custom, Dynamic contrast, Sports	Tilt adjustment	✓
Contrast ratio (typical) *	1000000:1	Tilt angle range	-9 - 13°
Dynamic contrast ratio marketing name	Mega DCR	Picture-in-Picture	✓
Maximum refresh rate *	240 Hz	<b>Power</b>	
Refresh rate optimizer	✓	Energy efficiency class (SDR) *	G
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	33 kWh
Display number of colours *	1 billion colours	Energy consumption (HDR) per 1000 hours *	104 kWh
Viewable size, horizontal	69.7 cm	Power consumption (typical) *	33.2 W
Viewable size, vertical	39.2 cm	Power consumption (standby) *	0.5 W
Local dimming	✓	Power consumption (max)	140 W
Local dimming zones	1196	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	Quantum HDR 2000	AC adapter output voltage	20 V
Colour gamut standard	DCI-P3	Power supply type	External
Colour gamut	95%	Energy efficiency scale	A to G
Quantum dot color technology	✓	Annual energy consumption	48 kWh
<b>Performance</b>		<b>Operational conditions</b>	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%

<b>Performance</b>		<b>Packaging content</b>	
AMD FreeSync *	✓	Stand included	✓
AMD FreeSync type	FreeSync Premium Pro	Cables included	AC, DisplayPort
Flicker-free technology	✓	Power cable length	1.5 m
Low input lag	✓	<b>Weight &amp; dimensions</b>	
Game mode	✓	Width (with stand)	713 mm
Game features	Super Arena Gaming UX, Super Ultrawide GameView	Depth (with stand)	311.1 mm
Smart modes	FPS, RPG, RTS	Height (with stand)	606.4 mm
Adaptive picture	✓	Weight (with stand)	8.9 kg
<b>Multimedia</b>		Width (without stand)	713 mm
Built-in speaker(s) *	✗	Depth (without stand)	173 mm
Built-in camera *	✗	Height (without stand)	434.8 mm
<b>Design</b>		Weight (without stand)	7 kg
Market positioning *	Gaming	<b>Packaging data</b>	
Product colour *	White	Package width	827 mm
Front bezel colour	Black	Package depth	236 mm
Feet colour	Black	Package height	530 mm
<b>Ports &amp; interfaces</b>		Package weight	12.9 kg
Built-in USB hub *	✓	<b>Sustainability</b>	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sustainability compliance	✓
USB upstream port type	USB Type-B	Sustainability certificates	UL
Number of upstream ports	1	<b>Other features</b>	
USB Type-A downstream ports quantity	2	Samsung Eye Saver Mode	✓
HDMI *	✓	Eco Light Sensor	✓
HDMI ports quantity	2	Factory tuning	✓
HDMI version	2.1	Off Timer Plus	✓
DisplayPorts quantity	1	Virtual AIM point	✓
DisplayPort version	1.4	Auto source switch+	✓
Headphone out *	✓		
Headphone outputs	1		
HDCP	✓		



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