

Samsung LS32BG850NP computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Samsung

Product family: Odyssey

Product code:
LS32BG850NPXXU

Product name : LS32BG850NP



- Screen: 3840x2160 resolution, 1000R curve VA panel
 - Technology: 240Hz Refresh Rate, 1ms GTG response time, Quantum HDR 2000, Mini LED
 - Connections: HDMI, Display Port, Headphone
 - Great for: Competitive Gaming, Productivity & Streaming
 32", 3840 x 2160, 350cd/m², 1000R, Display Port / HDMI, 2x USB 3, VESA 100x100
 Samsung LS32BG850NP. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Display surface: Matt, 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 *	3840 x 2160 pixels	Cable lock slot *	✗
HD type *	4K Ultra HD	Height adjustment *	✓
Native aspect ratio *	16:9	Adjustable height (max)	12 cm
Display technology *	LCD	Pivot	✓
Panel type *	VA	Pivot angle	-92 - 92°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	350 cd/m²	Swivel angle range	-15 - 15°
Display brightness (min)	300 cd/m²	Tilt adjustment	✓
Response time *	1 ms	Tilt angle range	-9 - 13°
Response time measurement type	GTG (Gray to Gray)	Picture-in-Picture	✓
Display surface	Matt	Black eQualizer function	✓
Screen shape *	Curved	Power	
Screen curvature rating	1000R	Energy efficiency class (SDR) *	G
Aspect ratio	16:9	Energy efficiency class (HDR) *	G
Contrast ratio (typical) *	1000000:1	Energy consumption (SDR) per 1000 hours *	33 kWh
Dynamic contrast ratio marketing name	Mega DCR	Energy consumption (HDR) per 1000 hours *	104 kWh
Maximum refresh rate *	240 Hz	Power consumption (typical) *	33.2 W
Refresh rate optimizor	✓	Power consumption (standby) *	0.5 W
Viewing angle, horizontal	178°	Power consumption (max)	140 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	1 billion colours	AC input voltage	100 - 240 V
Viewable size, horizontal	69.7 cm	Power supply type	External
Viewable size, vertical	39.2 cm	Annual energy consumption	48 kWh
High Dynamic Range (HDR) supported	✓	Operational conditions	
High Dynamic Range (HDR) technology	Quantum HDR 2000	Operating temperature (T-T)	10 - 40 °C
Colour gamut standard	DCI-P3	Operating relative humidity (H-H)	10 - 80%
Colour gamut	95%	Non-operating relative humidity (non-condensing)	10 - 80%
DCI-P3 coverage	95%	Weight & dimensions	
Quantum dot color technology	✓	Width (with stand)	713 mm
Performance		Depth (with stand)	311.1 mm
NVIDIA G-SYNC *	✗		

Performance		Weight & dimensions	
AMD FreeSync *	✓	Height (with stand)	606.4 mm
AMD FreeSync type	FreeSync Premium Pro	Weight (with stand)	8.9 kg
Flicker-free technology	✓	Width (without stand)	713 mm
Game mode	✓	Depth (without stand)	173 mm
Game features	Super Arena Gaming UX	Height (without stand)	434.8 mm
Smart modes	Sports, Dynamic, Cinema, Custom, FPS, RPG, RTS	Weight (without stand)	7 kg
Multimedia		Packaging data	
Built-in speaker(s) *	✗	Package width	827 mm
Built-in camera *	✗	Package depth	530 mm
Design		Package height	236 mm
Market positioning *	Gaming	Package weight	12.2 kg
Product colour *	Black	Package type	Box
Feet colour	Black	Packaging content	
Ports & interfaces		Stand included	✓
Built-in USB hub *	✓	Cables included	DisplayPort
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Power adapter included	✓
USB Type-A downstream ports quantity	2	Power cable length	1.5 m
HDMI *	✓	Other features	
HDMI ports quantity	2	Brand specific technologies	Eye Saver, Black Equalizer, Ultrawide GameView, Core Sync
HDMI version	2.1	Low input lag	✓
DisplayPorts quantity	1	Local dimming	✓
DisplayPort version	1.4	Local dimming zones	1196
Audio input	✗	Eco Light Sensor	✓
Headphone out *	✓	Adaptive picture	✓
HDCP	✓	Off Timer Plus	✓
HDCP version	2.2	Virtual AIM point	✓
Ergonomics		Auto source switch+	✓
VESA mounting *	✓	Supplied AC adapter type	AC
Panel mounting interface	100 x 100 mm	Certification	Windows 10



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