

Samsung G75NB computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD LED Black

Brand : Samsung

Product family: Odyssey

Product code:
LS32BG750NPXEN

Product name : G75NB

Samsung G75NB. 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: Black



Display		Ergonomics	
Display diagonal *	81.3 cm (32")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Cable management	✓
Native aspect ratio *	16:9	Cable lock slot *	✓
Display technology *	LED	Height adjustment *	✓
Panel type *	VA	Adjustable height (max)	12 cm
LED backlight	✓	Pivot	✓
Backlight type	Mini LED	Pivot angle	-92 - 92°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	350 cd/m²	Swivel angle range	-15 - 15°
Response time *	1 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-9 - 13°
Screen shape *	Curved	Picture-in-Picture	✓
Screen curvature rating	1000R		
Contrast ratio (typical) *	1000000:1		
Dynamic contrast ratio marketing name	Mega DCR		
Maximum refresh rate *	165 Hz		
Refresh rate optimizor	✓		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1 billion colours		
Viewable size, horizontal	69.7 cm		
Viewable size, vertical	39.2 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	Quantum HDR 2000		
Colour gamut standard	DCI-P3		
Colour gamut	95%		
Quantum dot color technology	✓		
Performance		Power	
NVIDIA G-SYNC *	✗	Energy efficiency class (SDR) *	G
AMD FreeSync *	✓	Energy efficiency class (HDR) *	G
AMD FreeSync type	FreeSync Premium Pro	Energy consumption (SDR) per 1000 hours *	33 kWh
		Energy consumption (HDR) per 1000 hours *	90 kWh
		Power consumption (typical) *	33.2 W
		Power consumption (standby) *	0.5 W
		Power consumption (max)	140 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		AC adapter output voltage	20 V
		Power supply type	External
		Energy efficiency scale	A to G
		Annual energy consumption	48 kWh
		Operational conditions	
		Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
		Weight & dimensions	
		Width (with stand)	713 mm

Performance		Weight & dimensions	
Flicker-free technology	✓	Depth (with stand)	311.1 mm
Game mode	✓	Height (with stand)	606.2 mm
Game features	Super Arena Gaming UX, Super Ultrawide GameView	Weight (with stand)	8.6 kg
Smart modes	FPS, RPG, RTS	Width (without stand)	713 mm
Multimedia		Depth (without stand)	185 mm
Built-in speaker(s) *	✗	Height (without stand)	440 mm
Built-in camera *	✗	Weight (without stand)	6.7 kg
Design		Packaging data	
Market positioning *	Consumer	Package width	827 mm
Product colour *	Black	Package depth	231 mm
Front bezel colour	Black	Package height	499 mm
Feet colour	Black	Package weight	12 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Stand included	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Cables included	AC, DisplayPort
USB upstream port type	USB Type-B	Power cable length	1.5 m
Number of upstream ports	1	Other features	
USB Type-A downstream ports quantity	2	Brand specific technologies	Black Equalizer, Core Sync
HDMI *	✓	Low input lag	✓
HDMI ports quantity	2	Local dimming	✓
HDMI version	2.1	Local dimming zones	1196
DisplayPorts quantity	1	Samsung Eye Saver Mode	✓
DisplayPort version	1.4	Video colour modes	Cinema, Custom, Dynamic contrast, Sports
Headphone out *	✓	Eco Light Sensor	✓
Headphone outputs	1	Factory tuning	✓
HDCP	✓	Adaptive picture	✓
HDCP version	2.2	Off Timer Plus	✓
DC-in jack	✓	Virtual AIM point	✓
		Auto source switch+	✓



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