

# Samsung Neo G7 computer monitor 81.3 cm (32") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Samsung

Product code: LS32BG750NUXXU

Product name : Neo G7



- Technology: 165Hz 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, 165Hz, 16:9, 350cd/m<sup>2</sup>, 1000000:1, Quantum HDR 2000, 1000R, 40.8 W, 100 - 240V, 713 x 606.2 x 311.1 mm, 8.6 kg  
 Samsung Neo G7. 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

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	Wall mountable	✓
Native aspect ratio *	16:9	Height adjustment *	✓
Panel type *	VA	Height adjustment	12 cm
Touchscreen *	✗	Pivot	✓
Display brightness (peak)	1000 cd/m <sup>2</sup>	Pivot angle	-92 - 92°
Display brightness (typical)	350 cd/m <sup>2</sup>	Swivelling	✓
Response time	1 ms	Swivel angle range	-15 - 15°
Screen shape *	Curved	Tilt adjustment	✓
Screen curvature rating	1000R	Tilt angle range	-9 - 13°
Contrast ratio (dynamic)	1000000:1	Picture-in-Picture	✓
Dynamic contrast ratio marketing name	Mega DCR	Power	
Maximum refresh rate *	165 Hz	Energy efficiency class (SDR) *	G
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	41 kWh
Display number of colours *	1 billion colours	Energy consumption (HDR) per 1000 hours *	90 kWh
Display diagonal (metric)	80 cm	Power consumption (typical) *	40.8 W
Local dimming zones	1196	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) supported	✓	Power consumption (off)	0.3 W
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Quantum HDR 2000	AC input voltage	100 - 240 V
Colour gamut	95%	Power supply type	External
Performance		Operational conditions	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	10 - 40 °C
AMD FreeSync *	✓	Storage temperature (T-T)	10 - 80 °C
AMD FreeSync type	FreeSync Premium Pro	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	713 mm
Low input lag	✓	Depth (with stand)	311.1 mm
Smart modes	Cinema, RPG, Sports	Height (with stand)	606.2 mm
Multimedia		Weight (with stand)	8.6 kg
Built-in speaker(s) *	✗	Width (without stand)	713 mm
		Depth (without stand)	185 mm
		Height (without stand)	440.3 mm

Multimedia		Weight & dimensions	
Built-in camera *	✘	Weight (without stand)	6.7 kg
Design		Packaging data	
Market positioning *	Gaming	Package width	827 mm
Product colour *	Black	Package depth	499 mm
Ports & interfaces		Package height	231 mm
Built-in USB hub *	✓	Package weight	12 kg
HDMI *	✓	Sustainability	
HDMI ports quantity	2	European Product Registry for Energy Labelling (EPREL) code	1206562
HDMI version	2.1	Logistics data	
DisplayPorts quantity	1	Harmonized System (HS) code	85285210
DisplayPort version	1.4		
Headphone out *	✓		
HDCP	✓		
HDCP version	2.2		



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