

Samsung LS27BG650EUXXU computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD Black

Brand : Samsung

Product code: LS27BG650EUXXU

Product name : LS27BG650EUXXU

- Screen: 2560X1440 resolution, 1000R curve VA panel
- Technology: 240Hz refresh rate, 1ms GTG response time, Smart TV platform, Gaming Hub
- Connections: HDMI, DP & Speakers

27" Odyssey G65B, QHD, 240Hz, Smart Gaming Monitor

Samsung LS27BG650EUXXU. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). 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 *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	2560 x 1440 pixels	Wall mountable	✓
HD type *	Quad HD	Cable lock slot *	✗
Native aspect ratio *	16:9	Height adjustment *	✓
Panel type *	VA	Adjustable height (max)	12 cm
Touchscreen *	✗	Pivot	✓
Display brightness (typical)	350 cd/m²	Pivot angle	-92 - 92°
Display brightness (min)	300 cd/m²	Swivelling	✓
Response time *	1 ms	Swivel angle range	-15 - 15°
Response time measurement type	GTG (Gray to Gray)	Tilt adjustment	✓
Screen shape *	Curved	Tilt angle range	-9 - 13°
Screen curvature rating	1000R		
Contrast ratio (typical) *	2500:1	Power	
Maximum refresh rate *	240 Hz	Energy efficiency class (SDR) *	F
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	26 kWh
Display number of colours *	1 billion colours	Energy consumption (HDR) per 1000 hours *	61 kWh
Viewable size, horizontal	59.7 cm	Power consumption (typical) *	26 W
Viewable size, vertical	33.6 cm	Power consumption (standby) *	0.5 W
Display diagonal (metric)	68 cm	AC input voltage	100 - 240 V
High Dynamic Range (HDR) supported	✓	Power supply type	External
High Dynamic Range (HDR) technology	DisplayHDR 600	Energy efficiency scale	A to G
Colour gamut standard	DCI-P3	Annual energy consumption	38 kWh
Colour gamut	95%	Operational conditions	
DCI-P3 coverage	95%	Operating temperature (T-T)	10 - 40 °C
Quantum dot color technology	✓	Operating relative humidity (H-H)	10 - 80%
		Non-operating relative humidity (non-condensing)	10 - 80%
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	615.8 mm
AMD FreeSync *	✓		
AMD FreeSync type	FreeSync Premium Pro		

Performance		Weight & dimensions	
ConnectShare (USB)	✓	Depth (with stand)	311.1 mm
Flicker-free technology	✓	Height (with stand)	578.3 mm
Game mode	✓	Weight (with stand)	6.4 kg
Game features	Gaming Hub, Game Bar 2.0	Width (without stand)	615.8 mm
Smart modes	Dynamic, Game, Graphics, Movie	Depth (without stand)	165.6 mm
Smart features	Mobile to screen	Height (without stand)	384.4 mm
Operating system installed	Tizen	Weight (without stand)	4.5 kg
Multimedia		Packaging data	
Built-in speaker(s) *	✓	Package width	688 mm
Adaptive Sound Control (ASC)	✓	Package depth	461 mm
Built-in camera *	✗	Package height	214 mm
Design		Package weight	8.8 kg
		Packaging content	
		Stand included	✓
Market positioning *	Gaming	Cables included	DisplayPort
Product colour *	Black	Remote control included	✓
Feet colour	Black	Power cable length	1.5 m
Ports & interfaces		Other features	
Built-in USB hub *	✓	Brand specific technologies	Eye Saver, Ultrawide GameView, Gaming Hub, Core Sync
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sound mirroring	✓
DVI port	✗	Screen mirroring	✓
HDMI *	✓	TV Plus	✓
HDMI ports quantity	2	SmartThings app support	✓
HDMI version	2.1	Works with Samsung Bixby	✓
DisplayPorts quantity	1	Office 365 support	✓
DisplayPort version	1.4	Tap view	✓
Audio input	✗	Far-field voice interaction	✓
Headphone out *	✓	Universal guide	✓
HDCP	✓	Security update term	31 December 2027
HDCP version	2.2	Anynet + (HDMI-CEC)	✓
DisplayPort output	✗	Wireless display	✓
Network		Adaptive picture	✓
Wi-Fi	✓	Factory calibration report	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Virtual AIM point	✓
Bluetooth	✓	Auto source switch+	✓
Bluetooth version	5.2	Supplied AC adapter type	Microsoft 365
Ethernet LAN	✓	Certification	Windows 10
Ergonomics			
VESA mounting *	✓		



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