

Samsung G65B computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Samsung

Product family: Odyssey

Product code:
LS27BG650EUXEN

Product name : G65B

- QHD and HDR600 come together for a crystal clear picture
- The monitor with AMD FreeSync Premium Pro has a 144Hz refresh rate and 1ms (GtG) response time
- Instantly access top streaming services and console games with Gaming Hub

27" Odyssey Gaming G65B Monitor

Samsung G65B. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, 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	Height adjustment *	✓
HD type *	Quad HD	Adjustable height (max)	12 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LCD	Pivot angle	-92 - 92°
Panel type *	VA	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-9 - 13°
Display brightness (typical)	350 cd/m²	Tilt adjustment	✓
Display brightness (min)	300 cd/m²	Tilt angle range	-15 - 15°
Response time *	1 ms	Power	
Response time measurement type	GTG (Gray to Gray)	Energy efficiency class (SDR) *	F
Screen shape *	Curved	Energy efficiency class (HDR) *	G
Screen curvature rating	1000R	Energy consumption (SDR) per 1000 hours *	26 kWh
Contrast ratio (typical) *	2500:1	Energy consumption (HDR) per 1000 hours *	61 kWh
Maximum refresh rate *	240 Hz	Power consumption (typical) *	26 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.5 W
Display number of colours *	1 billion colours	Power consumption (average)	38 W
Viewable size, horizontal	59.7 cm	AC input voltage	100 - 240 V
Viewable size, vertical	33.6 cm	Power supply type	External
High Dynamic Range (HDR) supported	✓	Operational conditions	
High Dynamic Range (HDR) technology	DisplayHDR 600	Operating temperature (T-T)	10 - 40 °C
Colour gamut	95%	Operating relative humidity (H-H)	10 - 80%
Quantum dot color technology	✓	Weight & dimensions	
Performance		Width (with stand)	615.8 mm
NVIDIA G-SYNC *	✗	Depth (with stand)	311.1 mm
AMD FreeSync *	✓	Height (with stand)	578.3 mm
AMD FreeSync type	FreeSync Premium Pro	Weight (with stand)	6.4 kg
ConnectShare (USB)	✓	Width (without stand)	615.8 mm
Flicker-free technology	✓	Depth (without stand)	165.6 mm
Game mode	✓	Height (without stand)	384.4 mm
Game features	Game Bar 2.0, Super Ultrawide GameView	Weight (without stand)	4.5 kg
Smart modes	Dynamic, Graphics, Movie, Standard		

Performance		Packaging data	
Operating system installed	Tizen	Stand type	HAS stand
Multimedia		Package width	688 mm
Built-in speaker(s) *	✓	Package depth	214 mm
Adaptive Sound Control (ASC)	✓	Package height	461 mm
Built-in camera *	✗	Package weight	8.8 kg
Design		Package type	Box
		Packaging content	
Market positioning *	Gaming	Stand included	✓
Product colour *	Black	Cables included	DisplayPort, Power
Illuminated stand	✓	Remote control included	✓
Illuminated stand colour	RGB	DisplayPort cable length	1.5 m
Ports & interfaces		Other features	
Built-in USB hub *	✓	Dial point	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sound mirroring	✓
Number of USB Type-B upstream ports quantity	1	Screen mirroring	✓
USB Type-A downstream ports quantity	2	TV Plus	✓
DVI port	✗	SmartThings app support	✓
HDMI *	✓	Works with Samsung Bixby	✓
HDMI ports quantity	2	Wireless Dex support	✓
HDMI version	2.1	Tap view	✓
DisplayPorts quantity	1	Far-field voice interaction	✓
DisplayPort version	1.4	Universal guide	✓
Headphone out *	✓	Samsung Eye Saver Mode	✓
Built-in KVM switch	✓	Image size	✓
HDCP	✓	Wireless display	✓
HDCP version	2.2	Factory tuning	✓
Network		Adaptive picture	✓
Wi-Fi	✓	Gaming Hub/Game Bar included on selected markets	KR, US, CA, BR, GB, FR, DE, IT, ES)
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Workspace	✓
Bluetooth	✓	Factory calibration report	✓
Bluetooth version	5.2	Virtual AIM point	✓
Ethernet LAN	✓	Auto source switch+	✓
Remotely operated	✓	Ethernet LAN (RJ-45) ports	1
Ergonomics			
VESA mounting *	✓		



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