

Samsung LS27BG400EU computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

Brand : Samsung

Product family: Odyssey

Product code:
LS27BG400EUXU

Product name : LS27BG400EU

- Screen: 1920x1080 resolution, IPS panel
 - Technology: 240Hz Refresh Rate, 1ms GTG response time
 - Connections: HDMI, Display Port, Headphone
 - Great for: Serious Gaming, productivity & Streaming
- 27" G40B 240Hz Odyssey Gaming Monitor

Samsung LS27BG400EU. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Adjustable height (max)	12 cm
Display resolution *	1920 x 1080 pixels	Pivot	✓
HD type *	Full HD	Pivot angle	-92 - 92°
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LCD	Swivel angle range	-15 - 15°
Panel type *	IPS	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-3 - 22°
Display brightness (typical)	400 cd/m²	Black eQualizer function	✓
Display brightness (min)	320 cd/m²		
Response time *	1 ms		
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Flat		
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	240 Hz		
Refresh rate optimizor	✓		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)		
Colour gamut standard	sRGB		
sRGB coverage (typical)	99%		
Performance		Power	
NVIDIA G-SYNC *	✓	Energy efficiency class (SDR) *	E
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency class (HDR) *	G
AMD FreeSync *	✓	Energy consumption (SDR) per 1000 hours *	21 kWh
AMD FreeSync type	FreeSync Premium	Energy consumption (HDR) per 1000 hours *	45 kWh
Fast charging	✗	Power consumption (typical) *	21 W
Flicker-free technology	✓	Power consumption (standby) *	0.5 W
		Power consumption (max)	48 W
		Power consumption (average)	31 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		Power supply type	External
		Annual energy consumption	31 kWh
		Operational conditions	
		Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%
		Non-operating relative humidity (non-condensing)	10 - 80%
		Weight & dimensions	
		Width (with stand)	614.7 mm
		Depth (with stand)	244.8 mm
		Height (with stand)	571.1 mm
		Weight (with stand)	5.3 kg
		Width (without stand)	614.7 mm

Performance		Weight & dimensions	
Game features	Super Arena Gaming UX	Depth (without stand)	85.4 mm
Smart modes	Sports, Dynamic, Cinema, Custom, FPS, RPG, RTS	Height (without stand)	376.6 mm
		Weight (without stand)	3.6 kg
Multimedia		Packaging data	
Built-in speaker(s) *	✗	Package width	685 mm
Built-in camera *	✗	Package depth	469 mm
		Package height	168 mm
		Package weight	7 kg
Design		Packaging content	
Market positioning *	Gaming	Stand included	✓
Product colour *	Black	Cables included	HDMI
Feet colour	Black	HDMI cable length	1.5 m
		Power cable length	1.5 m
Ports & interfaces		Other features	
Built-in USB hub *	✗	Brand specific technologies	Eye Saver, Black Equalizer, Ultrawide GameView
DVI port	✗	Low input lag	✓
HDMI *	✓	Dial point	✓
HDMI ports quantity	2	Warranty period	3 year(s)
HDMI version	2.0	Eco Saving Plus	✓
DisplayPorts quantity	1	Eco Light Sensor	✓
DisplayPort version	1.2	Wireless display	✗
Audio input	✗	Adaptive picture	✓
Headphone out *	✓	Off Timer Plus	✓
Built-in KVM switch	✓	Virtual AIM point	✓
HDCP	✓	Auto source switch+	✓
HDCP version	2.2	Certification	Windows 10
DisplayPort output	✗		
Ergonomics		Logistics data	
VESA mounting *	✓	Harmonized System (HS) code	85285210
Panel mounting interface	100 x 100 mm		
Wall mountable	✓		
Cable lock slot *	✗		
Height adjustment *	✓		



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