

Samsung LS27CG510EU computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

Brand : Samsung

Product family: Odyssey

Product code:
LS27CG510EUXXU

Product name : LS27CG510EU

- Screen: 2560X1440 Resolution, VA Panel
 - Technology: 1ms MPRT response time, 165Hz Refresh Rate
 - Connections: HDMI, DP
 - Great for: Competitive Gaming, Productivity & Streaming
 27" G51C QHD, 165Hz, VA Odyssey Gaming Monitor
 Samsung LS27CG510EU. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, 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")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Quad HD	Wall mountable	✓
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LED	Adjustable height (max)	12 cm
Panel type *	VA	Pivot	✓
Touchscreen *	✗	Pivot angle	-2 - 92°
Display brightness (typical)	300 cd/m²	Swivelling	✓
Display brightness (min)	240 cd/m²	Swivel angle range	-15 - 15°
Response time *	1 ms	Tilt adjustment	✓
Response time (MPRT)	1 ms	Tilt angle range	-5 - 20°
Screen shape *	Flat	Black eQualizer function	✓
Contrast ratio (typical) *	3000:1		
Dynamic contrast ratio marketing name	Mega Contrast		
Maximum refresh rate *	165 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		
Display diagonal (metric)	68 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)		
Colour gamut standard	NTSC		
Colour gamut	72%		
NTSC coverage (typical)	72%		
Performance		Power	
AMD FreeSync *	✓	Energy efficiency class (SDR) *	F
AMD FreeSync type	FreeSync Premium	Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	25 kWh
		Energy consumption (HDR) per 1000 hours *	38 kWh
		Power consumption (typical) *	25.2 W
		Power consumption (standby) *	0.3 W
		Power consumption (max)	48 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		Power supply type	External
		Energy efficiency scale	A to G
		Annual energy consumption	37 kWh
		Operational conditions	
		Operating temperature (T-T)	10 - 40 °C
		Operating relative humidity (H-H)	10 - 80%

Performance		Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	618.2 mm
Game mode	✓	Depth (with stand)	234.2 mm
Game features	Super Arena Gaming UX	Height (with stand)	520.6 mm
Smart modes	AOS, Dynamic, Cinema, Custom, FPS, Game, RPG, RTS	Weight (with stand)	4.8 kg
Multimedia		Width (without stand)	618.2 mm
Built-in speaker(s) *	✗	Depth (without stand)	92.4 mm
Built-in camera *	✗	Height (without stand)	376.9 mm
Design		Weight (without stand)	3.3 kg
Market positioning *	Gaming	Packaging data	
Product colour *	Black	Package width	702 mm
Feet colour	Black	Package depth	465 mm
Ports & interfaces		Package height	192 mm
DVI port	✗	Package weight	7 kg
HDMI *	✓	Package type	Box
HDMI ports quantity	2	Packaging content	
HDMI version	2.0	Cables included	DisplayPort
DisplayPorts quantity	1	Power cable length	1.5 m
DisplayPort version	1.4	Other features	
Audio input	✗	Brand specific technologies	Eye Saver, Black Equalizer
Headphone out *	✓	Wireless display	✗
HDCP	✓	Auto source switch	✓
HDCP version	1.4	Off Timer Plus	✓
DisplayPort output	✗	Virtual AIM point	✓
		Certification	Windows 10



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