

Samsung 32" G51C QHD, 165Hz, VA Odyssey Gaming Monitor

Brand : Samsung

Product family: Odyssey

Product code:
LS32CG510EUXXU

Product name : 32" G51C
QHD, 165Hz, VA Odyssey
Gaming Monitor



- Screen: 2560X1440 Resolution, VA Panel
- Technology: 1ms MPRT response time, 165Hz Refresh Rate
- Connections: HDMI, DP

- Great for: Competitive Gaming, Productivity & Streaming
32" G51C QHD, 165Hz, VA Odyssey Gaming Monitor

Samsung 32" G51C QHD, 165Hz, VA Odyssey Gaming Monitor. Display diagonal: 81.3 cm (32"), 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 *	81.3 cm (32")	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	Picture-in-Picture	✗
Contrast ratio (typical) *	3000:1	Black eQualizer function	✓
Dynamic contrast ratio marketing name	Mega Contrast		
Maximum refresh rate *	165 Hz	Power	
Refresh rate optimizor	✓	Energy efficiency class (SDR) *	F
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	29 kWh
Display number of colours *	16.7 million colours	Energy consumption (HDR) per 1000 hours *	42 kWh
Viewable size, horizontal	69.7 cm	Power consumption (typical) *	29.2 W
Viewable size, vertical	39.2 cm	Power consumption (standby) *	0.3 W
Display diagonal (metric)	80 cm	Power consumption (max)	48 W
High Dynamic Range (HDR) supported	✓	Power consumption (off)	0.3 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	AC input voltage	100 - 240 V
Colour gamut standard	NTSC	Power supply type	External
NTSC coverage (typical)	72%	Annual energy consumption	43 kWh
Performance		Operational conditions	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	10 - 40 °C
AMD FreeSync *	✓	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync type	FreeSync Premium	Weight & dimensions	
ConnectShare (USB)	✗	Width (with stand)	719.2 mm
Flicker-free technology	✓	Depth (with stand)	248.8 mm
Game mode	✓	Height (with stand)	597.4 mm
Game features	Super Arena Gaming UX	Weight (with stand)	6.2 kg
Smart modes	AOS, Dynamic, Cinema, Custom, FPS, Game, RPG, RTS	Width (without stand)	719.2 mm
		Depth (without stand)	93.7 mm

Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Height (without stand)	434.8 mm
Built-in camera *	✗	Weight (without stand)	4.5 kg
Design		Packaging data	
Market positioning *	Gaming	Package width	800 mm
Product colour *	Black	Package depth	192 mm
Feet colour	Black	Package height	192 mm
		Package weight	8.9 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✗	Cables included	DisplayPort
DVI port	✗	Remote control included	✗
HDMI *	✓	Power cable length	1.5 m
HDMI ports quantity	2	Other features	
HDMI version	2.0		
DisplayPorts quantity	1	Brand specific technologies	Eye Saver, Black Equalizer
DisplayPort version	1.4	TV Plus	✗
Audio input	✗	Works with Samsung Bixby	✗
Headphone out *	✓	Wireless Dex support	✗
Built-in KVM switch	✗	Tap view	✗
HDCP	✓	Wireless display	✗
HDCP version	1.4	Auto source switch	✓
DisplayPort output	✗	Off Timer Plus	✓
Network		Virtual AIM point	✓
Bluetooth	✗	Certification	Windows 10
Ethernet LAN	✗		

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