

Samsung G50D computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

Brand : Samsung

Product family: Odyssey

Product code:
LS27DG500EUXEN

Product name : G50D

Samsung G50D. 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	Height adjustment *	✓
Native aspect ratio *	16:9	Adjustable height (max)	12 cm
Display technology *	LED	Pivot	✓
Panel type *	IPS	Pivot angle	-92 - 92°
LED backlight	✗	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-30 - 30°
Display brightness (typical)	350 cd/m²	Tilt adjustment	✓
Display brightness (min)	280 cd/m²	Tilt angle range	-2 - 25°
Response time *	1 ms	On Screen Display (OSD)	✗
Response time measurement type	GTG (Gray to Gray)		
Screen shape *	Flat	Power	
Contrast ratio (typical) *	1000:1	Energy efficiency class (SDR) *	F
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy efficiency class (HDR) *	G
Maximum refresh rate *	180 Hz	Energy consumption (SDR) per 1000 hours *	26 kWh
Refresh rate optimizor	✓	Energy consumption (HDR) per 1000 hours *	38 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	26 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.5 W
Display number of colours *	16.7 million colours	Power consumption (max)	48 W
Viewable size, horizontal	59.7 cm	Power consumption (off)	0.3 W
Viewable size, vertical	33.6 cm	AC input voltage	100 - 240 V
High Dynamic Range (HDR) supported	✓	AC input frequency	50/60 Hz
High Dynamic Range (HDR) technology	DisplayHDR 400	Power supply type	External
sRGB coverage (typical)	99%	Energy efficiency scale	A to G
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	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	613 mm
Game features	Refresh Rate Optimizer, Super Arena Gaming UX	Depth (with stand)	263.5 mm
		Height (with stand)	552 mm
		Weight (with stand)	6.4 kg

Multimedia		Weight & dimensions	
Built-in speaker(s) *	✗	Width (without stand)	613 mm
Built-in microphone	✗	Depth (without stand)	70 mm
Built-in camera *	✗	Height (without stand)	361.5 mm
		Weight (without stand)	3.4 kg
Design		Packaging data	
Market positioning *	Consumer	Stand type	HAS stand
Product colour *	Black	Package width	695 mm
Feet colour	Black	Package depth	478 mm
		Package height	159 mm
Ports & interfaces		Package weight	8.3 kg
Built-in USB hub *	✗	Packaging content	
HDMI *	✓	Stand included	✓
HDMI ports quantity	1	Cables included	AC, DisplayPort
HDMI version	2.0	Power cable length	1.5 m
DisplayPorts quantity	1	Other features	
DisplayPort version	1.2	Brand specific technologies	Black Equalizer, Eye Saver
Headphone out *	✓	Samsung Eye Saver Mode	✓
HDCP	✓	Off Timer Plus	✓
HDCP version	2.2	Virtual AIM point	✓
Network		Auto source switch+	✓
Wi-Fi	✗		
Ethernet LAN	✗		



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