

Samsung G50F computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD OLED Black

Brand : Samsung

Product family: Odyssey

Product code:
LS27FG502SUXEN

Product name : G50F

Samsung G50F. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting. Product colour: Black



Display

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	OLED
Panel type *	OLED
LED backlight	✗
Touchscreen *	✗
Display brightness (typical)	200 cd/m²
Display brightness (min)	190 cd/m²
Response time *	0.03 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Flat
Contrast ratio (typical) *	1000000:1
Maximum refresh rate *	180 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 billion colours
Viewable size, horizontal	59 cm
Viewable size, vertical	33.4 cm
Display diagonal (metric)	68 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour gamut	99%

Performance

NVIDIA G-SYNC *	✓
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✓
AMD FreeSync type	FreeSync
Flicker-free technology	✓

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✗
Tilt adjustment	✓
Tilt angle range	-2 - 15°
On Screen Display (OSD)	✓

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	28 kWh
Energy consumption (HDR) per 1000 hours *	72 kWh
Power consumption (typical) *	28 W
Power consumption (standby) *	0.5 W
Power consumption (max)	78 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	External
Energy efficiency scale	A to G

Operational conditions

Operating temperature (T-T)	10 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Weight & dimensions

Width (with stand)	609.9 mm
Depth (with stand)	234.5 mm
Height (with stand)	463.8 mm
Weight (with stand)	3.3 kg
Width (without stand)	609.9 mm

Performance		Weight & dimensions	
Game features	Super Arena Gaming UX	Depth (without stand)	57 mm
Multimedia		Height (without stand)	359.3 mm
Built-in speaker(s) *	✗	Weight (without stand)	2.5 kg
Built-in microphone	✗	Packaging data	
Built-in camera *	✗	Stand type	Simple stand
Design		Package width	722 mm
Market positioning *	Gaming	Package depth	114 mm
Product colour *	Black	Package height	414 mm
Feet colour	Black	Package weight	4.6 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✗	Stand included	✓
HDMI *	✓	Cables included	DisplayPort, HDMI, Power
HDMI ports quantity	1	Power cable length	1.5 m
HDMI version	2.0	Other features	
DisplayPorts quantity	1	Brand specific technologies	Black Equalizer, Crosshair
DisplayPort version	1.2	Digital signal format system	Not supported
Headphone out *	✓	Samsung Eye Saver Mode	✓
HDCP	✓	Warranty period	2 year(s)
HDCP version	2.2	Eco Saving Plus	✓
Network		Image size	✓
Wi-Fi	✗	Off Timer Plus	✓
Ethernet LAN	✗	Virtual AIM point	✓
		Auto source switch+	✓



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