

Samsung S27FG512EU computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

Brand : Samsung

Product code: LS27FG512EUXEN

Product name : S27FG512EU

Samsung S27FG512EU. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, 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 *	2560 x 1440 pixels	Pivot	✓
HD type *	Quad HD	Pivot angle	-2 - 92°
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LED	Swivel angle range	-15 - 15°
Panel type *	VA	Tilt adjustment	✓
Touchscreen *	✗	Tilt angle range	-5 - 20°
Display brightness (typical)	300 cd/m²	Power	
Response time (MPRT)	1 ms	Energy efficiency class (SDR) *	F
Screen shape *	Flat	Energy efficiency class (HDR) *	G
Contrast ratio (typical) *	3000:1	Energy consumption (SDR) per 1000 hours *	26 kWh
Dynamic contrast ratio marketing name	Mega Contrast	Energy consumption (HDR) per 1000 hours *	40 kWh
Maximum refresh rate *	180 Hz	Power consumption (typical) *	26 W
Refresh rate optimizor	✓	Power consumption (standby) *	0.5 W
Viewing angle, horizontal	178°	Power consumption (max)	35 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	16.7 million colours	AC input voltage	100 - 240 V
Viewable size, horizontal	59.7 cm	AC input frequency	50/60 Hz
Viewable size, vertical	33.6 cm	Power supply type	External
High Dynamic Range (HDR) supported	✓	Energy efficiency scale	A to G
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Operational conditions	
Colour gamut standard	NTSC	Operating temperature (T-T)	10 - 40 °C
NTSC coverage (typical)	72%	Operating relative humidity (H-H)	10 - 80%
Performance		Weight & dimensions	
AMD FreeSync *	✓	Width (with stand)	618.2 mm
Design		Depth (with stand)	234.2 mm
Market positioning *	Gaming	Height (with stand)	520.6 mm
Product colour *	Black	Weight (with stand)	4.6 kg
Frameless design	✓	Width (without stand)	618.2 mm
Front bezel colour	Black	Depth (without stand)	92.4 mm
Feet colour	Black	Height (without stand)	376.9 mm
		Weight (without stand)	4.6 kg

Ports & interfaces		Packaging data	
Built-in USB hub *	✗	Package width	810 mm
HDMI *	✓	Package depth	455 mm
HDMI ports quantity	2	Package height	155 mm
HDMI version	2.2	Package weight	8.4 kg
DisplayPorts quantity	1	Packaging content	
DisplayPort version	1.4	Cables included	AC, DisplayPort, HDMI
Headphone out *	✓	Power cable length	1.5 m
Headphone outputs	1	Other features	
Ergonomics		Brand specific technologies	Black Equalizer, Eye Saver
VESA mounting *	✓	Certification	Windows 11
Panel mounting interface	100 x 100 mm		
Height adjustment *	✓		



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