

Samsung G90XF computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Silver

Brand : Samsung

Product family: Odyssey

Product code:
LS27FG900XUXEN

Product name : G90XF

Samsung G90XF. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, 3D, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Silver



Display		Network	
Display diagonal *	68.6 cm (27")	Ethernet LAN	✗
Display resolution *	3840 x 2160 pixels	Ergonomics	
HD type *	4K Ultra HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Adjustable height (max)	12 cm
LED backlight	✗	Pivot	✓
Touchscreen *	✗	Pivot angle	-92 - 92°
Display brightness (typical)	350 cd/m²	Tilt adjustment	✓
Display brightness (min)	280 cd/m²	Tilt angle range	-3 - 15°
Response time *	1 ms	On Screen Display (OSD)	✗
Response time measurement type	GTG (Gray to Gray)	Power	
Screen shape *	Flat	Energy efficiency class (SDR) *	F
Contrast ratio (typical) *	1000:1	Energy efficiency class (HDR) *	G
Maximum refresh rate *	165 Hz	Energy consumption (SDR) per 1000 hours *	26 kWh
Viewing angle, horizontal	178°	Energy consumption (HDR) per 1000 hours *	44 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	26 W
Display number of colours *	1 billion colours	Power consumption (standby) *	0.5 W
Viewable size, horizontal	59.7 cm	Power consumption (max)	78 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	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Power supply type	External
sRGB coverage (typical)	99%	Energy efficiency scale	A to G
3D	✓	Operational conditions	
Performance		Operating temperature (T-T)	10 - 40 °C
NVIDIA G-SYNC *	✓	Operating relative humidity (H-H)	10 - 80%
NVIDIA G-SYNC type	G-SYNC Compatible	Weight & dimensions	
AMD FreeSync *	✓	Width (with stand)	614.1 mm
AMD FreeSync type	FreeSync Premium	Depth (with stand)	203.3 mm
Flicker-free technology	✓	Height (with stand)	541.5 mm
Game features	Super Ultrawide GameView	Weight (with stand)	7.5 kg

Multimedia		Weight & dimensions	
Number of speakers	2	Width (without stand)	614.1 mm
RMS rated power	10 W	Depth (without stand)	46 mm
Built-in speaker(s) *	✓	Height (without stand)	372.2 mm
Built-in microphone	✗	Weight (without stand)	4.7 kg
Built-in camera *	✗	Packaging data	
Design		Stand type	HAS stand
Market positioning *	Gaming	Package width	834 mm
Product colour *	Silver	Package depth	133 mm
Feet colour	Silver	Package height	434 mm
Ports & interfaces		Package weight	9.6 kg
Built-in USB hub *	✓	Packaging content	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Stand included	✓
Number of USB Type-B upstream ports quantity	1	Cables included	DisplayPort, Power, USB Type-A to USB Type-B
USB Type-A downstream ports quantity	2	Power cable length	1.5 m
HDMI *	✓	Other features	
HDMI ports quantity	2	Brand specific technologies	Black Equalizer
DisplayPorts quantity	1	Digital signal format system	Not supported
DisplayPort version	1.4	Samsung Eye Saver Mode	✓
Headphone out *	✗	Warranty period	2 year(s)
Network		Off Timer Plus	✓
Wi-Fi	✗	Virtual AIM point	✓
		Auto source switch+	✓



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