

Samsung G70F computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Samsung

Product family: Odyssey

Product code:
LS27FG702EUXEN

Product name : G70F



Samsung G70F. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
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	Swivelling	✓
Display brightness (min)	280 cd/m²	Swivel angle range	-30 - 30°
Response time *	1 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-2 - 25°
Screen shape *	Flat	Picture-in-Picture	✓
Contrast ratio (typical) *	1000:1	On Screen Display (OSD)	✗
Maximum refresh rate *	360 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	F
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	1 billion colours	Energy consumption (SDR) per 1000 hours *	25 kWh
Viewable size, horizontal	59.7 cm	Energy consumption (HDR) per 1000 hours *	49 kWh
Viewable size, vertical	33.6 cm	Power consumption (typical) *	25 W
High Dynamic Range (HDR) supported	✓	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)	Power consumption (max)	78 W
Colour gamut standard	sRGB	AC input voltage	100 - 240 V
sRGB coverage (typical)	99%	AC input frequency	50/60 Hz
Quantum dot color technology	✓	Power supply type	External
		Energy efficiency scale	A to G

Performance		Operational conditions	
NVIDIA G-SYNC *	✓	Operating temperature (T-T)	10 - 40 °C
NVIDIA G-SYNC type	G-SYNC Compatible	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync *	✓	Weight & dimensions	
AMD FreeSync type	FreeSync Premium	Width (with stand)	613 mm
Flicker-free technology	✓	Depth (with stand)	263.5 mm
Game features	Super Arena Gaming UX	Height (with stand)	553.2 mm
Multimedia		Weight (with stand)	7.1 kg
Built-in speaker(s) *	✗	Width (without stand)	613 mm
Built-in microphone	✗	Depth (without stand)	73.8 mm
Built-in camera *	✗	Height (without stand)	361.5 mm
Design		Weight (without stand)	3.9 kg
Market positioning *	Gaming	Packaging data	
Product colour *	Black	Stand type	HAS stand
Feet colour	Black	Package width	695 mm
Ports & interfaces		Package depth	478 mm
Built-in USB hub *	✓	Package height	159 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package weight	8.9 kg
Number of USB Type-B upstream ports quantity	1	Packaging content	
USB Type-A downstream ports quantity	2	Stand included	✓
HDMI *	✓	Cables included	DisplayPort, Power, USB
HDMI ports quantity	1	Power cable length	1.5 m
HDMI version	2.1	Other features	
DisplayPorts quantity	1	Brand specific technologies	Black Equalizer
DisplayPort version	1.4	Digital signal format system	Not supported
Headphone out *	✓	Samsung Eye Saver Mode	✓
HDCP	✓	Warranty period	2 year(s)
HDCP version	2.1	Image size	✓
Network		Off Timer Plus	✓
Wi-Fi	✗	Virtual AIM point	✓
Ethernet LAN	✗	Auto source switch+	✓



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