

# SAMSUNG



## 27" Odyssey OLED G5 G50SF QHD 180Hz Gaming Monitor

LS27FG500SNXZA

Samsung's 27" Odyssey OLED G5 QHD Gaming Monitor delivers hyper-real visuals and lightning-fast action for exhilarating gameplay. Samsung QD-OLED with QHD resolution provides unmatched picture quality and produces the highest levels of color accuracy and brightness. OLED Safeguard keeps the screen cool by actively helping to prevent burn-in with a Thermal Modulation System, Logo and Taskbar Detection, and Screen Saver and the 3-year warranty protects the monitor for the long haul. Glare Free technology enables uninterrupted gaming as it keeps the screen clear of reflections from external light sources. The Pantone Validated screen accurately reproduces 2100+ colors for more immersive gameplay, while HDR10 provides brighter highlights and nuanced shadows for added depth. 180Hz Refresh Rate and 0.03ms (GtG) response time allows fast reactions for ultra-smooth gaming, plus G-Sync compatibility along with AMD FreeSync™ reduces choppiness, screen lag, and image tearing. Black Equalizer improves visibility in shadows, and Virtual Aim Point increases accuracy. Auto Source Switch+ allows instantaneous switching between connected devices.

### Key features

**3 YEAR**  
WARRANTY

#### 3-year warranty

Samsung OLED monitors aren't just engineered for perfection, they're protected for the long haul. Our 3-year warranty includes burn-in coverage, meaning you can game, stream, and create without compromise. Your passion deserves performance you can trust.



#### QD-OLED

Step into a world of hyper-real visuals. Samsung QD-OLED displays with QHD resolution deliver unmatched picture quality through quantum dot technology, producing the highest possible level of color accuracy and brightness. Reveal every hidden enemy, every breathtaking world, and every heart-pounding moment with astonishing clarity.



#### OLED Safeguard

OLED brilliance meets Samsung innovation. Our advanced OLED Safeguard technology actively helps prevent burn-in with our thermal modulation system to keep your screen cool. Logo and Taskbar Detection automatically dims static images, even long-haul gaming marathons won't leave a mark. The Screen Saver dims the screen after 10 minutes of inactivity and comes back to regular brightness with any input.

**180Hz**  
Refresh Rate

**0.03ms**  
Response Time

#### 0.03ms response time and 180Hz refresh rate

Race to the top with ultimate speed. The 0.03ms (GtG) response time captures movements in real-time, while the 180Hz refresh rate minimizes lag — allowing you to react fast to exhilarating gameplay with ultra-smooth action.

**NVIDIA**  
G-SYNC

#### NVIDIA G-Sync compatible

G-Sync compatibility syncs the GPU and panel to reduce choppiness, screen lag and image tearing. Along with AMD FreeSync™, it creates ultra-smooth scenes, giving you a competitive edge in gaming.



#### Pantone Validated

Enjoy immersive gaming with precise color reproduction. Our Pantone Validated screen can accurately reproduce 2100+ colors and 110+ SkinTone shades from Pantone's library. Plus, the brilliant QD-OLED display helps bring games to life as intended by developers — for an engaging gaming experience.

# Specifications

Model Code	LS27FG500SNXZA		
Display	Screen Size (Class)	27"	
	Flat / Curved	Flat	
	Active Display Size (HxV) (mm / in.)	590.42 x 333.72 mm / 23.2 x 13.1 in.	
	Aspect Ratio	16:09	
	Panel Type	OLED	
	Burn-In cover in warranty	Burn-in at normal usage covered within warranty (but not covered for commercial abuse or misuse)	
	Brightness (Typical)	200 cd/m <sup>2</sup>	
	Brightness (Min)	190 cd/m <sup>2</sup>	
	Contrast Ratio (Static)	1,000,000:1	
	HDR (High Dynamic Range)	HDR10	
	Resolution	QHD (2,560 x 1,440)	
	Response Time (ms)	0.03ms(GTG)	
	Viewing Angle (H/V)	178/178	
	Color Support	Max 1B	
	Color Gamut (DCI Coverage)	99% (CIE1976)	
Frame Rate	DisplayPort Max 180Hz / HDMI Max 144Hz		
General Feature	Energy Saving Solution	Yes	
	Eye Saver Mode	Yes	
	Flicker Free	Yes	
	Quantum Dot Color	Yes	
	Image Size	Yes	
	Windows Certification	Windows11	
	FreeSync	FreeSync	
	G-Sync	G-Sync Compatible	
	Off Timer Plus	Yes	
	Black Equalizer	Yes	
	Virtual AIM Point	Yes	
	Super Arena Gaming UX	Yes	
	Auto Source Switch	Auto Source Switch+	
	Smart Service	Smart Type	No
		Smart Type	No
Interface	Display Port	1 EA	
	Display Port Version	1.2	
	HDCP Version (DP)	2.2	
	HDMI	1 EA	
	HDMI Version	2	
	HDCP Version (HDMI)	2.2	
	Headphone	Yes	
Audio	USB-C	No	
	Speaker	No	
Operation Conditions	Temperature	10 - 40 °C °C	
	Humidity	10 - 80 (Non-Condensing) %	
Design	Front Color	Black	
	Rear Color	Black	
	Stand Color	Black	
	Stand Type	SIMPLE	
	Tilt	-2.0 (±2.0) - 15.0° (±2.0°)	
Eco	Wall Mount	100 x 100	
	Recycled Plastic	Yes	
Power	Power Supply	AC100 - 240 V	
	Power Consumption (Max)	78 W	
	Type	External Adaptor	
Dimension	Set Dimension with Stand (WxHxD)	609.9 x 463.8 x 234.5 mm / 24 x 18.3 x 9.2 in.	
	Set Dimension without Stand (WxHxD)	609.9 x 359.3 x 57.0 mm / 24 x 14.2 x 2.2 in.	
	Package Dimension (WxHxD)	722 x 114 x 414 mm / 28.4 x 4.5 x 16.3 in.	
Weight	Set Weight with Stand	3.3 kg / 7.3 lbs.	
	Set Weight without Stand	2.5 kg / 5.5 lbs.	
	Package Weight	4.6 kg / 10.1 lbs.	
Accessory	Power Cable Length	1.5 mm / 4.9 ft.	
	DP Cable	Yes	
Certification and Compliance	UL Glare Free	Yes	
	Pantone Validated	Yes	

Front view



Back view



Side view



Connectivity

