

SAMSUNG



27" Odyssey OLED G6 G60SF QHD 500Hz Gaming Monitor

LS27FG602SNXZA

Samsung's 27" Odyssey OLED G6 QHD Gaming Monitor provides breathtaking realism for epic game play. QD-OLED offers enhanced brightness and a wide range of colors for crisp, vibrant scenes in QHD resolution. Glare Free technology keeps screen clear of reflections from external light sources. VESA DisplayHDR TrueBlack 500 delivers ultra-deep blacks and 1000nits peak brightness, while the Pantone Validated screen can accurately reproduce 2100+ colors from Pantone's library. Samsung OLED Safeguard+ features a Dynamic Cooling System which reduces core temperature and helps prevent burn-ins, and a Thermal Modulation System that automatically controls brightness and prevents overheating. Logo and Taskbar Detection automatically reduces brightness on static images, while the Screen Saver dims itself after 10 minutes of inactivity. The G6 is the world's first OLED monitor to feature a 500Hz Refresh Rate for lightning-fast responsiveness with a near-instant reaction time of 0.03ms GtG for crisp, razor-sharp visuals. G-Sync compatibility syncs the GPU and panel to reduce screen lag and image tearing, creating ultra-smooth scenes along with AMD FreeSync™ Premium Pro. The slim metal design with a premium finish upgrades any gaming station while the Ergonomic Stand enables the monitor to be tilted and adjusted for total gaming comfort. CoreSync technology and CoreLighting+ project vibrant on-screen colors into the real world for a fully immersive experience.

Key features



QD-OLED in QHD

Experience breathtaking realism in your games. Samsung QD-OLED offers enhanced brightness and a wide range of colors, making scenes crisp and vibrant in QHD resolution.



Glare Free

Keep playing, uninterrupted. Glare Free technology makes your screen 54% less glossy than conventional Anti-Reflection film, keeping it clear of reflections from external light sources. Now you can get the drop on your enemies even when daylight is streaming in.



Samsung OLED Safeguard+

Dynamic Cooling System: Built into a monitor, Pulsating Heat Pipe uses a coolant that evaporates and condenses to diffuse heat five times faster than a graphite sheet, reducing core temperature and helps prevent burn-ins. **Thermal Modulation System:** Thermal Modulation System uses algorithms to automatically control brightness and prevent overheating.



500Hz Refresh rate

Say goodbye to stutter and lag. With the first-ever 500Hz OLED screen, you can experience smooth gameplay with lightning-fast responsiveness and stay ahead in every frame.



0.03ms Response time

Take your most intense gaming sessions to new heights. OLED technology delivers a near-instant reaction time of 0.03ms GtG, allowing you to secure wins in fast-paced games with crisp, razor-sharp visuals.



G-Sync compatible

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

Specifications

Model Code	LS27FG602SNXZA		
Display	Screen Size (Class)	27"	
	Flat / Curved	Flat	
	Active Display Size (HxV) (mm / in.)	590.42 (H) x 333.72 (V) 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)	300 cd/m ²	
	Brightness (Min)	200 cd/m ²	
	Contrast Ratio (Static)	1,000,000:1	
	HDR(High Dynamic Range)	VESA DisplayHDR True Black 500	
	HDR10+	HDR10+ Gaming	
	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	Max 500Hz	
	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 Premium Pro	
G-Sync		G-Sync Compatible	
Black Equalizer		Yes	
Virtual AIM Point		Yes	
Core Sync		Yes	
Super Arena Gaming UX		Yes	
Auto Source Switch		Auto Source Switch+	
Interface		Display Port	1 EA
		Display Port Version	1.4
		HDCP Version (DP)	2.2
		HDMI	2 EA
	HDMI Version	2.1	
	HDCP Version (HDMI)	2.2	
	Headphone	Yes	
	USB-C	No	
	USB-B Upstream Port	1	
Audio	Speaker	No	
	Operation Conditions	Temperature	9~40 °C 32~104 f
		Humidity	10 - 80 (Non-Condensing) %
		Design	Front Color
	Rear Color		Silver
Stand Color	Silver		
Stand Type	HAS PIVOT		
HAS(Height Adjustable Stand)	120.0 mm (±5.0 mm)		
Tilt	-2.0 (±2.0) - 25.0° (±2.0°)		
Swivel	-30.0 (±3.0) - 30.0° (±3.0°)		
Pivot	-92.0 (±2.0) - 92.0° (±2.0°)		
Wall Mount	100 x 100		
Eco	Recycled Plastic	Yes	
	Power	Power Supply	AC 100 - 240 V
Power Consumption (Max)		140 W	
Type		External Adaptor	
Dimension	Set Dimension with Stand (WxHxD)	611.7 x 554.2 x 263.5 mm / 24.1 x 21.8 x 10.4 in.	
	Set Dimension without Stand (WxHxD)	611.7 x 353.8 x 49.2 mm / 24.1 x 13.9 x 1.9 in.	
	Package Dimension (WxHxD)	684 x 200 x 464 mm / 26.9 x 7.9 x 18.3 in.	
Weight	Set Weight with Stand	6.9 kg / 15.2 lbs.	
	Set Weight without Stand	3.8 kg / 8.4 lbs.	
	Package Weight	9.5 kg / 20.9 lbs.	
Accessory	Power Cable Length	1.5 m / 59.1 in.	
	HDMI Cable	Yes	
	DP Cable	Yes	
Certification and Compliance	USB Type A to B Upstream Cable	Yes	
	UL Glare Free	Yes	

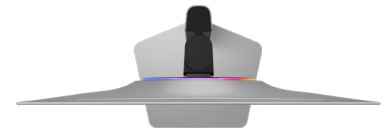
Front view



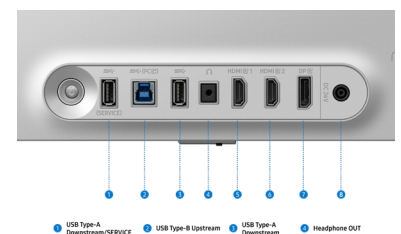
Back view



Side view



Connectivity



- USB Type-A Downstream/SERVICE
- USB Type-B Upstream
- USB Type-A Downstream
- Headphone OUT