

# SAMSUNG



## Odyssey G5 G50F QHD Fast IPS 180Hz Gaming Monitor

LS27FG502ENXZA | LS32FG502ENXZA

Samsung's Odyssey G5 QHD Gaming Monitor delivers brilliant visuals for exhilarating gameplay that's more immersive than ever before. QHD resolution (2560 x 1440), with more than 1.7 times the pixel density of Full HD, boasts incredibly detailed, pin-sharp images. The fast IPS panel, with its 178° viewing angle, provides an engaging gaming experience by consistently delivering crisp, clear hues from various viewpoints. 180Hz Refresh Rate and 1ms response time (GtG) allow ultimate speed for ultra-smooth gaming precision, while G-Sync compatibility syncs the GPU and panel to reduce choppiness, screen lag, and image tearing. Scenes feel more realistic with HDR10, which provides brighter highlights and nuanced shadows for added depth. Black Equalizer improves visibility in the deepest shadows, while Virtual Aim Point increases the accuracy of the player's aim when the action peaks. Auto Source Switch+ allows instantaneous switching between connected devices without having to flip through multiple inputs. Maintain winning streaks in total comfort with the height-adjustable Ergonomic Stand that easily pivots, tilts, and swivels for the perfect view.

### Key features

**QHD**

**QHD**

Step into a game world that's more vibrant and immersive than ever before. With 1.7 times the pixel density of Full HD (1920x1080), QHD resolution (2560x1440) boasts incredibly detailed, pin-sharp images. Now you can take in the action in more detail on the same-sized screen.

**FAST  
IPS**

**Fast IPS**

Enjoy realistic game scenes with Fast IPS panel. The 178° wide viewing angle accurately delivers clear, crisp hues that stay consistent from various viewpoints, while quick response time reduces motion blur and ghosting — providing an engaging gaming experience.

**180Hz**  
Refresh Rate

**180Hz refresh rate and 1ms response time (GtG)**

**1ms**  
Response Time

Race to the top with ultimate speed with a 180Hz refresh rate and 1ms response time (GtG). Capture your moves in real-time with minimized lag and react fast with ultra-smooth gaming precision.

**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.

**HDR10**

**HDR10**

Enjoy lifelike visuals with improved contrast and color accuracy. HDR10 provides brighter highlights and nuanced shadows for added depth — making scenes feel more vivid and realistic.

# Specifications

Model Code		LS27FG502ENXZA	LS32FG502ENXZA
Display	Screen Size (Class)	27"	32"
	Flat / Curved	Flat	Flat
	Active Display Size (HxV) (mm / in.)	596.7 x 335.7 mm / 23.5 x 13.2 in.	698.112 x 392.688 mm / 27.5 x 15.5 in.
	Aspect Ratio	16:09	16:09
	Panel Type	IPS	IPS
	Brightness (Typical)	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
	Brightness (Min)	240 cd/m <sup>2</sup>	240 cd/m <sup>2</sup>
	Contrast Ratio (Static)	1000 : 1 (Typ.)	1000 : 1 (Typ.)
	HDR(High Dynamic Range)	HDR10	HDR10
	Resolution	QHD (2,560 x 1,440)	QHD (2,560 x 1,440)
	Response Time (ms)	1ms(GTG)	1ms(GTG)
	Viewing Angle (H/V)	178/178	178/178
	Color Support	Max 16.7M	Max 16.7M
	Color Gamut (sRGB Coverage)	0.99	0.99
	Frame Rate	Max 180Hz	Max 180Hz
General Feature	Energy Saving Solution	Yes	Yes
	Eye Saver Mode	Yes	Yes
	Flicker Free	Yes	Yes
	Image Size	Yes	Yes
	Windows Certification	Windows11	Windows11
	FreeSync	FreeSync	FreeSync
	G-Sync	No	No
	Off Timer Plus	Yes	Yes
	Black Equalizer	Yes	Yes
	Virtual AIM Point	Yes	Yes
	Super Arena Gaming UX	Yes	Yes
Smart Service	Auto Source Switch	Auto Source Switch+	Auto Source Switch+
	Smart Type	No	No
Interface	Display Port	1 EA	1 EA
	Display Port Version	1.2	1.2
	HDCP Version (DP)	2.2	2.2
	HDMI	1 EA	1 EA
	HDMI Version	2	2
	HDCP Version (HDMI)	2.2	2.2
Audio	Headphone	Yes	Yes
	Speaker	No	No
Operation Conditions	Temperature	10 - 40 °C °C	10 - 40 °C °C
	Humidity	10 - 80 (Non-Condensing) %	10 - 80 (Non-Condensing) %
Design	Front Color	Black	Black
	Rear Color	Black	Black
	Stand Color	Black	Black
	Stand Type	HAS PIVOT	HAS PIVOT
	HAS (Height Adjustable Stand)	105.0 mm (±5.0 mm) / 4.134 in. (±0.197 in.)	105.0 mm (±5.0 mm) / 4.1 in. (±0.197 in.)
	Tilt	-3.0 (±2.0) - 25.0 ° (±2.0 °)	-3.0 (±2.0) - 25.0 ° (±2.0 °)
	Swivel	-45.0 (±3.0) - 45.0 ° (±3.0 °)	-45.0 (±3.0) - 45.0 ° (±3.0 °)
	Pivot	-92.0 (±2.0) - 92.0 ° (±2.0 °)	-92.0 (±2.0) - 92.0 ° (±2.0 °)
Power	Wall Mount	100 x 100	100 x 100
	Power Supply	AC 100 - 240 V	AC 100 - 240 V
	Power Consumption (Max)	48 W	59 W
Dimension	Type	External Adaptor	External Adaptor
	Set Dimension with Stand (WxHxD)	614.0 x 517.8 x 250.2mm / 24.2 x 20.4 x 9.9 in.	714.6 x 625.9 x 250.2 mm / 28.1 x 24.6 x 9.9 in.
	Maximum Height	517.8 mm / 20.4 in.	625.9 mm / 24.6 in.
	Set Dimension without Stand (WxHxD)	614 x 361.8 x 45.7 mm / 24.2 x 14.2 x 1.8 in.	714.6 x 418.4 x 45.7 mm / 28.1 x 16.5 x 1.8 in.
Weight	Package Dimension (WxHxD)	488 x 114 x 655 mm / 19.2 x 4.5 x 25.8 in.	565 x 124 x 790 mm / 22.2 x 4.9 x 31.1 in.
	Set Weight with Stand	4.1 kg / 9 lbs.	4.9 kg / 10.8 lbs.
	Set Weight without Stand	2.9 kg / 6.4 lbs.	3.6 kg / 7.9 lbs.
Accessory	Package Weight	5.8 kg / 12.8 lbs.	8.0 kg / 17.6 lbs.
	Power Cable Length	1.5 m / 4.9 ft.	1.5 m / 4.9 ft.
	HDMI Cable	Yes	Yes
	DP Cable	Yes	Yes

Front view



Back view



Side view



Connectivity



● HDMI IN ● DP IN ● POWER ● Headphone OUT ● SERVICE