

# SAMSUNG



## 32" Odyssey OLED G8 G81SF 4K 240Hz Gaming Monitor

LS32FG810SNXZA

Samsung's 32" Odyssey OLED G8 Gaming Monitor offers stunning 4K detail. Glare Free technology eliminates reflections, while VESA DisplayHDR True Black 400 enhances contrast and color with deep blacks. The Safeguard+ Dynamic Cooling System reduces heat 5x faster than graphite, preventing burn-ins. Thermal Modulation controls brightness to prevent overheating, and Logo and Taskbar Detection dims static images. With a 240Hz refresh rate and 0.03ms response time, gameplay is ultra-smooth. G-Sync compatibility reduces screen lag and tearing. The premium metal design features CoreSync and CoreLighting+ for full immersion, and the Ergonomic Stand offers customizable comfort.

### Key features



#### QD-OLED in 4K

This QD-OLED screen delivers crystal-clear 4K quality on a 32" display.



#### Glare Free

Glare Free technology makes your screen 54% less glossy than conventional Anti-Reflection film, keeping it clear of reflections from external light sources.



#### VESA DisplayHDR TrueBlack 400

VESA DisplayHDR TrueBlack 400 helps display true, rich blacks without light bleed, enhancing contrast and color depth.



#### 240Hz refresh rate and 0.03ms response time

Experience ultra-smooth gameplay and razor-sharp visuals with a 240Hz refresh rate and 0.03ms GTG response time.



#### G-Sync

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.



#### Dynamic Cooling System / Thermal Modulation System

Pulsating Heat Pipe cools five times faster than graphite sheet, reducing temperature and preventing burn-ins. Thermal Modulation System adjusts brightness to prevent overheating.



#### Slim metal design

Upgrade your gaming station with a sleek, razor-sharp design. Made from real metal, this monitor sports a premium finish that boosts your style.

# Specifications

Model Code	LS32FG810SNXZA	
Display	Screen Size (Class)	32"
	Flat / Curved	Flat
	Active Display Size (HxV) (mm)	699.48 x 394.73 mm / 27.5 x 15.5 in.
	Screen Curvature	N/A
	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)	260 cd/m <sup>2</sup>
	Brightness (Min)	200 cd/m <sup>2</sup>
	Contrast Ratio (Static)	1,000,000:1
	HDR(High Dynamic Range)	VESA DisplayHDR True Black 400
	HDR10+	HDR10+ Gaming
	Mini LED Local Dimming	N/A
	Resolution	4K (3,840 x 2,160)
	Response Time (ms)	0.03ms (GTG)
	Viewing Angle (H/V)	178° / 178°
	Color Support	Max 1B
	Color Gamut (DCI Coverage)	99% (CIE1976)
	General Feature	Frame Rate
Energy Saving Solution		Yes
Eye Saver Mode		Yes
Flicker Free		Yes
Picture-in-Picture		Yes
Quantum Dot Color		Yes
Image Size		Yes
Windows Certification		Windows11
FreeSync		FreeSync Premium Pro
G-Sync		Yes
Off Timer Plus		Yes
Black Equalizer		Yes
Virtual AIM Point		Yes
Core Sync		Yes
Super Arena Gaming UX		Yes
Auto Source Switch		Auto Source Switch+
Super Ultrawide GameView		Yes
Smart Service	Smart Type	No
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
	USB Type-A Downstream Port	2
USB Type-A Downstream Version	3.2 Gen1	
Audio	Speaker	No
Operation Conditions	Temperature	10~40 °C
	Humidity	10~80, non-condensing %
Calibration	Factory Tuning	Yes
	Factory Calibration Report	Yes
Design	Front Color	Silver
	Rear Color	Silver
	Stand Color	Silver
	Stand Type	HAS PIVOT
	HAS(Height Adjustable Stand)	120.0 ±5.0
	Tilt	-2.0° (±2.0°) ~ 25.0° (±2.0°)
	Swivel	-30° (±3.0°) ~ +30° (±3.0°)
Pivot	-92.0° (±2.0°) ~ +92.0° (±2.0°)	
Wall Mount	100 x 100	
Eco	Recycled Plastic	Yes
Power	Power Supply	AC 100~240V
	Power Consumption (Max)	180 W
Dimension	Type	External Adaptor
	Set Dimension with Stand (WxHxD)	719.7 x 584.6 x 263.5 mm / 28.3 x 23.0 x 10.4 in.
	Set Dimension without Stand (WxHxD)	719.7 x 414.7 x 49.2 mm / 28.3 x 16.3 x 1.9 in.
	Package Dimension (WxHxD)	815 x 200 x 530 mm / 32.1 x 7.9 x 20.9 in.
Weight	Set Weight with Stand	8.4 kg / 18.5 lbs.
	Set Weight without Stand	5.3 kg / 11.7 lbs.
	Package Weight	12.0 kg / 26.5 lbs.
Accessory	Power Cable Length	1.5 m / 4.9 ft.
	HDMI Cable	Yes
Certification and Compliance	DP Cable	Yes
	UL Glare Free	Yes

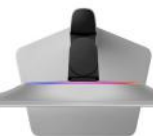
Front view



Back view



Side view



Connectivity



- ① USB Type-A Downstream / USB-C
- ② USB Type-B Upstream
- ③ USB Type-A Downstream
- ④ Headphone OUT
- ⑤ HDMI IN 1
- ⑥ HDMI IN 2
- ⑦ DP IN
- ⑧ POWER