SAMSUNG



27" Odyssey OLED G8 G81SF 4K 240Hz Gaming Monitor

LS27FG810SNXZA

Samsung's 27" Odyssey OLED G8 Gaming Monitor offers stunning 4K detail with a 166 PPI OLED screen. 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. AMD FreeSync™ Premium Pro and VRR reduce 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 27" display with an incredible pixel density of 166 PPI.

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.

AMD FreeSync™ Premium Pro

Keep games smooth with variable refresh rate and AMD FreeSync Premium Pro, as the synced GPU and panel reduce choppiness, lag, and image tearing.

Dynamic Cooling System / Thermal Modulation System

Pulsating Heat Pipe cools five time 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		LS27FG810SNXZA
Display	Screen Size (Class)	27"
	Flat / Curved	Flat
	Active Display Size (HxV) (mm / in.)	589.97 x 332.9 mm / 23.2 x 13.1 in.
	Screen Curvature	N/A
	Aspect Ratio	16:9
	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)	250 cd/m²
	Brightness (Min)	200 cd/m²
	Contrast Ratio (Static)	1,000,000:1
	HDR(High Dynamic Range)	VESA DisplayHDR True Black 400
	HDR10+	HDR10+ Gaming
	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)
	Frame Rate	Max 240Hz
General Feature	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	No
	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
	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 ℃
	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	-2.0º(± 2°) ~ 25.0º(± 2°)
	Swivel	-30.0º(± 3°) ~ 30.0º(± 3°)
	Pivot	-92.0º(± 2°) ~ 92.0º(± 2°)
	Wall Mount	100 x 100
Eco	Recycled Plastic	Yes
Power	Power Supply	AC 100~240V
	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 / 5ft.
	HDMI Cable	Yes
	DP Cable	Yes
Certification and Compliance	UL Glare Free	Yes

Front view



Back view



Side view

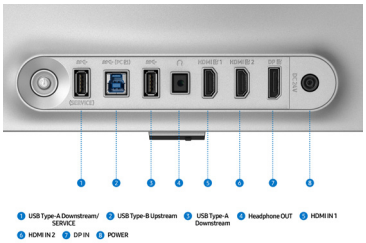








Connectivity



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