

SAMSUNG



49" Odyssey G9 G91F DQHD 144Hz Gaming Monitor

LS49FG910ENXZA

Samsung's 49" Odyssey G9 Curved Gaming Monitor with a 1000R curved display creates an immersive panoramic gaming experience. Curved Dual QHD features an ultra-wide 32:9 screen, equivalent to two side-by-side 16:9 monitors, providing a full view with unsurpassed details. VESA DisplayHDR 600 delivers more contrast with deeper blacks and brighter whites. 144Hz Refresh Rate and near-instant 1ms Response Time (GtG) captures all your moves with reduced lag for ultra-smooth gameplay. AMD FreeSync™ Premium Pro and VRR (variable refresh rate) reduce choppiness, screen lag, and image tears. Picture-by-Picture enables a split screen that can be used to its maximum potential for side-by-side gameplay, while Picture-in-Picture allows seamless multitasking to manage all content on a single screen. Auto Source Switch+ instantly switches to a new source signal when connected devices are turned on, without having to use multiple inputs. The ergonomic stand makes it simple to tilt and adjust the monitor for total gaming comfort.

Key features

1000R

Curved Dual QHD

Immerse yourself in a panoramic gaming experience with a 1000R curved display. This ultra-wide 32:9 screen, equivalent to two side-by-side 16:9 monitors, delivers a full view of your enemies so you can stay one step ahead.

VESA DisplayHDR 600

VESA DisplayHDR 600

Reveal the whole picture. DisplayHDR 600 delivers more contrast, with deeper blacks and brighter whites, so details shine with clarity even in the darkest scenes.

144Hz
REFRESH RATE
1ms

144Hz refresh rate and 1ms response time

Rank up in fast-paced games with ease. The 144Hz refresh rate and 1ms response time reduce lag and capture your moves, so you can game with ultra-smooth action.

AMD FreeSync Premium Pro

AMD FreeSync™ Premium Pro

Keep your fast-action games fluid with variable refresh rate (VRR) and AMD FreeSync™ Premium Pro. The synced GPU and panel reduce choppiness, screen lag, and image tears, setting you up for even the most intense gaming sessions.

PBP PIP

Picture-by-Picture / Picture-in-Picture

Use your screen to its maximum potential with a split screen that lets you team up with friends in a whole new way. Picture-in-Picture allows you to pull up chats, videos and gaming tips on your main display, without the need for a second monitor.

Specifications

Model Code	LS49FG910ENXZA	
Display	Screen Size (Class)	49"
	Flat / Curved	Curved
	Active Display Size (HxV) (mm)	1191.936 (H) x 335.232 (V) (mm) / 46.9 x 13.2 in.
	Screen Curvature	1000R
	Aspect Ratio	32:9
	Panel Type	VA
	Brightness (Typical)	350 cd/m ²
	Brightness (Min)	280 cd/m ²
	Contrast Ratio (Static)	2500:1
	Contrast Ratio (Dynamic)	Mega DCR
	HDR(High Dynamic Range)	VESA DisplayHDR 600
	HDR10+	HDR10+ Gaming
	Resolution	DQHD (5,120 x 1,440)
	Response Time (ms)	1ms(GTG)
	Viewing Angle (H/V)	178° /178°
	Color Support	Max 1.07B
	Color Gamut (DCI Coverage)	92% (CIE1976)
	Frame Rate	Max 144Hz
	General Feature	Energy Saving Solution
Eye Saver Mode		Yes
Flicker Free		Yes
Picture-In-Picture		Yes
Picture-By-Picture		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
Super Arena Gaming UX		Yes
Auto Source Switch		Auto Source Switch+
Adaptive Picture		Yes
Interface		Display Port
	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
Audio	USB Type-A Downstream Version	3.2 Gen1
	Speaker	No
Operation Conditions	Temperature	10~40 °C
	Humidity	10~80, non-condensing %
Calibration	Factory Tuning	Yes
	Factory Calibration Report	Yes
Design	Front Color	Black
	Rear Color	Black
	Stand Color	Black
	Stand Type	HAS
	HAS(Height Adjustable Stand)	120.0 mm (± 5.0 mm)
	Tilt	-2.0° (± 2°) ~ +11.0° (± 2°)
	Swivel	-15.0° (± 3°) ~ +15.0° (± 3°)
Eco	Wall Mount	100 x 100
	Recycled Plastic	10 ↑ %
Power	Power Supply	AC100~240V
	Power Consumption (Max)	180 W
	Type	Internal Power
Dimension	Set Dimension with Stand (WxHxD)	1147.6 x 568.4 x 420.5 mm / 45.2 x 22.4 x 16.6 in.
	Set Dimension without Stand (WxHxD)	1147.6 x 363.5 x 293.8 mm / 45.2 x 14.3 x 11.6 in.
	Package Dimension (WxHxD)	1265 x 343 x 481 mm / 49.8 x 13.5 x 18.9 in.
Weight	Set Weight with Stand	15.6 kg / 34.4 lbs.
	Set Weight without Stand	10.6 kg / 23.4 lbs.
	Package Weight	20.6 kg / 45.4 lbs.
Accessory	Power Cable Length	1.5 m / 4.9 ft
	DP Cable	Yes

Front view



Back view



Side view



Connectivity



● Headphone OUT ● HDMI IN1 ● HDMI IN2 ● DP IN ● USB Type-A Downstream/ SERVICE
● USB Type-B Upstream ● USB Type-A Downstream ● POWER