

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



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

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 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

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.



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/m²
	Brightness (Min)	280 cd/m²
	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	Yes
	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	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
Audio	USB Type-A Downstream Version	3.2 Gen1
	Speaker	No
Operation Conditions	Temperature	10~40 °C
	Humidity	10~80, non-condensing %
Calibration	Factory Tunning	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	AC 100~240V
	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

