

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 CERTIFIED
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/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 |
| | Display Port | 1 EA |
| | Display Port Version | 1.4 |
| Interface | 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 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



● Headphone OUT ● HDMI IN 1 ● HDMI IN 2 ● DP IN ● USB Type-A Downstream/SERVICE
● USB Type-B Upstream ● USB Type-A Downstream ● POWER