

## Samsung G91F computer monitor 124.5 cm (49") 5120 x 1440 pixels Dual QHD LCD Black

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS49FG910EUXEN



**Product name :** G91F

Samsung G91F. Display diagonal: 124.5 cm (49"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



| Display                               |                                                                   | Ergonomics                                |              |
|---------------------------------------|-------------------------------------------------------------------|-------------------------------------------|--------------|
| Display diagonal *                    | 124.5 cm (49")                                                    | VESA mounting *                           | ✓            |
| Display resolution *                  | 5120 x 1440 pixels                                                | Panel mounting interface                  | 100 x 100 mm |
| HD type *                             | Dual QHD                                                          | Height adjustment *                       | ✓            |
| Native aspect ratio *                 | 32:9                                                              | Adjustable height (max)                   | 12 cm        |
| Display technology *                  | LCD                                                               | Swivelling                                | ✓            |
| Panel type *                          | VA                                                                | Swivel angle range                        | -15 - 15°    |
| LED backlight                         | ✗                                                                 | Tilt adjustment                           | ✓            |
| Touchscreen *                         | ✗                                                                 | Tilt angle range                          | -2 - 11°     |
| Display brightness (typical)          | 350 cd/m²                                                         | Picture-in-Picture                        | ✓            |
| Display brightness (min)              | 280 cd/m²                                                         | On Screen Display (OSD)                   | ✗            |
| Response time *                       | 1 ms                                                              |                                           |              |
| Response time measurement type        | GTG (Gray to Gray)                                                |                                           |              |
| Screen shape *                        | Curved                                                            | <b>Power</b>                              |              |
| Screen curvature rating               | 1000R                                                             | Energy efficiency class (SDR) *           | G            |
| Contrast ratio (typical) *            | 2500:1                                                            | Energy efficiency class (HDR) *           | G            |
| Dynamic contrast ratio marketing name | Mega DCR                                                          | Energy consumption (SDR) per 1000 hours * | 45 kWh       |
| Maximum refresh rate *                | 144 Hz                                                            | Energy consumption (HDR) per 1000 hours * | 118 kWh      |
| Viewing angle, horizontal             | 178°                                                              | Power consumption (typical) *             | 45 W         |
| Viewing angle, vertical               | 178°                                                              | Power consumption (standby) *             | 0.5 W        |
| Display number of colours *           | 1.07 billion colours                                              | Power consumption (max)                   | 180 W        |
| Viewable size, horizontal             | 119.2 cm                                                          | AC input voltage                          | 100 - 240 V  |
| Viewable size, vertical               | 33.5 cm                                                           | AC input frequency                        | 50/60 Hz     |
| High Dynamic Range (HDR) supported    | ✓                                                                 | Power supply type                         | Internal     |
| High Dynamic Range (HDR) technology   | DisplayHDR 600, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming) | Energy efficiency scale                   | A to G       |
| Colour gamut standard                 | DCI-P3                                                            | <b>Operational conditions</b>             |              |
| Colour gamut                          | 92%                                                               | Operating temperature (T-T)               | 10 - 40 °C   |
|                                       |                                                                   | Operating relative humidity (H-H)         | 10 - 80%     |

| Performance                                  |                       | Weight & dimensions          |                    |
|----------------------------------------------|-----------------------|------------------------------|--------------------|
| NVIDIA G-SYNC *                              | ✗                     | Width (with stand)           | 1147.6 mm          |
| AMD FreeSync *                               | ✓                     | Depth (with stand)           | 420.5 mm           |
| AMD FreeSync type                            | FreeSync Premium Pro  | Height (with stand)          | 568.4 mm           |
| Flicker-free technology                      | ✓                     | Weight (with stand)          | 15.6 kg            |
| Game features                                | Super Arena Gaming UX | Width (without stand)        | 1147.6 mm          |
| Multimedia                                   |                       | Depth (without stand)        | 293.8 mm           |
| Built-in speaker(s) *                        | ✗                     | Height (without stand)       | 363.5 mm           |
| Built-in microphone                          | ✗                     | Weight (without stand)       | 10.6 kg            |
| Built-in camera *                            | ✗                     | Packaging data               |                    |
| Design                                       |                       | Stand type                   | HAS stand          |
| Market positioning *                         | Gaming                | Package width                | 1265 mm            |
| Product colour *                             | Black                 | Package depth                | 481 mm             |
| Feet colour                                  | Black                 | Package height               | 343 mm             |
| Ports & interfaces                           |                       | Package weight               | 20.6 kg            |
| Built-in USB hub *                           | ✓                     | Packaging content            |                    |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1) | Stand included               | ✓                  |
| Number of USB Type-B upstream ports quantity | 1                     | Cables included              | DisplayPort, Power |
| USB Type-A downstream ports quantity         | 2                     | Power cable length           | 1.5 m              |
| HDMI *                                       | ✓                     | Other features               |                    |
| HDMI ports quantity                          | 2                     | Brand specific technologies  | Black Equalizer    |
| HDMI version                                 | 2.1                   | Picture-by-Picture (PbP)     | ✓                  |
| DisplayPorts quantity                        | 1                     | Digital signal format system | Not supported      |
| DisplayPort version                          | 1.4                   | Samsung Eye Saver Mode       | ✓                  |
| Headphone out *                              | ✓                     | Warranty period              | 2 year(s)          |
| Network                                      |                       | Image size                   | ✓                  |
| Wi-Fi                                        | ✗                     | Adaptive picture             | ✓                  |
| Ethernet LAN                                 | ✗                     | Off Timer Plus               | ✓                  |
|                                              |                       | Factory calibration report   | ✓                  |
|                                              |                       | Virtual AIM point            | ✓                  |
|                                              |                       | Auto source switch+          | ✓                  |



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### Catalog Object Cloud



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