

## Samsung G81SF computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD OLED Silver

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS27FG810SUXEN

**Product name :** G81SF

Samsung G81SF. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 16:9, 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: Silver



| Display                             |                                                                              | Ergonomics                                |              |
|-------------------------------------|------------------------------------------------------------------------------|-------------------------------------------|--------------|
| Display diagonal *                  | 68.6 cm (27")                                                                | VESA mounting *                           | ✓            |
| Display resolution *                | 3840 x 2160 pixels                                                           | Panel mounting interface                  | 100 x 100 mm |
| HD type *                           | 4K Ultra HD                                                                  | Height adjustment *                       | ✓            |
| Native aspect ratio *               | 16:9                                                                         | Adjustable height (max)                   | 12 cm        |
| Display technology *                | OLED                                                                         | Pivot                                     | ✓            |
| Panel type *                        | OLED                                                                         | Pivot angle                               | -92 - 92°    |
| LED backlight                       | ✗                                                                            | Swivelling                                | ✓            |
| Touchscreen *                       | ✗                                                                            | Swivel angle range                        | -30 - 30°    |
| Display brightness (typical)        | 250 cd/m²                                                                    | Tilt adjustment                           | ✓            |
| Display brightness (min)            | 200 cd/m²                                                                    | Tilt angle range                          | -2 - 25°     |
| Response time *                     | 0.03 ms                                                                      | Picture-in-Picture                        | ✓            |
| Response time measurement type      | GTG (Gray to Gray)                                                           | On Screen Display (OSD)                   | ✗            |
| Screen shape *                      | Flat                                                                         |                                           |              |
| Contrast ratio (typical) *          | 1000000:1                                                                    |                                           |              |
| Maximum refresh rate *              | 240 Hz                                                                       |                                           |              |
| Viewing angle, horizontal           | 178°                                                                         |                                           |              |
| Viewing angle, vertical             | 178°                                                                         |                                           |              |
| Display number of colours *         | 1 billion colours                                                            |                                           |              |
| Viewable size, horizontal           | 59 cm                                                                        |                                           |              |
| Viewable size, vertical             | 33.3 cm                                                                      |                                           |              |
| High Dynamic Range (HDR) supported  | ✓                                                                            |                                           |              |
| High Dynamic Range (HDR) technology | DisplayHDR 400 True Black, High Dynamic Range 10+ Gaming (HDR10 Plus Gaming) |                                           |              |
| Colour gamut standard               | DCI-P3                                                                       |                                           |              |
| Colour gamut                        | 99%                                                                          |                                           |              |
| Quantum dot color technology        | ✓                                                                            |                                           |              |
| Performance                         |                                                                              | Power                                     |              |
| NVIDIA G-SYNC *                     | ✗                                                                            | Energy efficiency class (SDR) *           | G            |
| AMD FreeSync *                      | ✓                                                                            | Energy efficiency class (HDR) *           | G            |
| AMD FreeSync type                   | FreeSync Premium Pro                                                         | Energy consumption (SDR) per 1000 hours * | 45 kWh       |
|                                     |                                                                              | Energy consumption (HDR) per 1000 hours * | 52 kWh       |
|                                     |                                                                              | Power consumption (typical) *             | 45 W         |
|                                     |                                                                              | Power consumption (standby) *             | 0.5 W        |
|                                     |                                                                              | Power consumption (max)                   | 140 W        |
|                                     |                                                                              | AC input voltage                          | 100 - 240 V  |
|                                     |                                                                              | AC input frequency                        | 50/60 Hz     |
|                                     |                                                                              | Power supply type                         | External     |
|                                     |                                                                              | Energy efficiency scale                   | A to G       |
|                                     |                                                                              |                                           |              |
|                                     |                                                                              | Operational conditions                    |              |
|                                     |                                                                              | Operating temperature (T-T)               | 10 - 40 °C   |
|                                     |                                                                              | Operating relative humidity (H-H)         | 10 - 80%     |
|                                     |                                                                              | Weight & dimensions                       |              |
|                                     |                                                                              | Width (with stand)                        | 611.7 mm     |

| Performance                                  |                                                 | Weight & dimensions          |                 |
|----------------------------------------------|-------------------------------------------------|------------------------------|-----------------|
| Flicker-free technology                      | ✓                                               | Depth (with stand)           | 263.5 mm        |
| Game features                                | Super Arena Gaming UX, Super Ultrawide GameView | Height (with stand)          | 554.2 mm        |
| Multimedia                                   |                                                 | Weight (with stand)          | 6.9 kg          |
| Built-in speaker(s) *                        | ✗                                               | Width (without stand)        | 611.7 mm        |
| Built-in microphone                          | ✗                                               | Depth (without stand)        | 49.2 mm         |
| Built-in camera *                            | ✗                                               | Height (without stand)       | 353.8 mm        |
| Design                                       |                                                 | Weight (without stand)       | 3.8 kg          |
| Market positioning *                         | Gaming                                          | Packaging data               |                 |
| Product colour *                             | Silver                                          | Stand type                   | HAS stand       |
| Feet colour                                  | Silver                                          | Package width                | 684 mm          |
| Ports & interfaces                           |                                                 | Package depth                | 464 mm          |
| Built-in USB hub *                           | ✓                                               | Package height               | 200 mm          |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1)                           | Package weight               | 9.5 kg          |
| Number of USB Type-B upstream ports quantity | 1                                               | Packaging content            |                 |
| USB Type-A downstream ports quantity         | 2                                               | Stand included               | ✓               |
| HDMI *                                       | ✓                                               | Cables included              | HDMI, Power     |
| HDMI ports quantity                          | 2                                               | Power cable length           | 1.5 m           |
| HDMI version                                 | 2.1                                             | Other features               |                 |
| DisplayPorts quantity                        | 1                                               | Brand specific technologies  | Black Equalizer |
| DisplayPort version                          | 1.4                                             | Digital signal format system | Not supported   |
| Headphone out *                              | ✓                                               | Samsung Eye Saver Mode       | ✓               |
| Network                                      |                                                 | Warranty period              | 2 year(s)       |
| Wi-Fi                                        | ✗                                               | Image size                   | ✓               |
| Ethernet LAN                                 | ✗                                               | Off Timer Plus               | ✓               |
|                                              |                                                 | Virtual AIM point            | ✓               |
|                                              |                                                 | Auto source switch+          | ✓               |



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### Catalog Object Cloud



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