

## Samsung G50F computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD OLED Black

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS27FG502SUXEN

**Product name :** G50F

Samsung G50F. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting. Product colour: Black



### Display

|                                     |                               |
|-------------------------------------|-------------------------------|
| Display diagonal *                  | 68.6 cm (27")                 |
| Display resolution *                | 2560 x 1440 pixels            |
| HD type *                           | Quad HD                       |
| Native aspect ratio *               | 16:9                          |
| Display technology *                | OLED                          |
| Panel type *                        | OLED                          |
| LED backlight                       | ✗                             |
| Touchscreen *                       | ✗                             |
| Display brightness (typical)        | 200 cd/m²                     |
| Display brightness (min)            | 190 cd/m²                     |
| Response time *                     | 0.03 ms                       |
| Response time measurement type      | GTG (Gray to Gray)            |
| Screen shape *                      | Flat                          |
| Contrast ratio (typical) *          | 1000000:1                     |
| Maximum refresh rate *              | 180 Hz                        |
| Viewing angle, horizontal           | 178°                          |
| Viewing angle, vertical             | 178°                          |
| Display number of colours *         | 1 billion colours             |
| Viewable size, horizontal           | 59 cm                         |
| Viewable size, vertical             | 33.4 cm                       |
| Display diagonal (metric)           | 68 cm                         |
| High Dynamic Range (HDR) supported  | ✓                             |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) |
| Colour gamut                        | 99%                           |

### Performance

|                         |                   |
|-------------------------|-------------------|
| NVIDIA G-SYNC *         | ✓                 |
| NVIDIA G-SYNC type      | G-SYNC Compatible |
| AMD FreeSync *          | ✓                 |
| AMD FreeSync type       | FreeSync          |
| Flicker-free technology | ✓                 |

### Ergonomics

|                          |              |
|--------------------------|--------------|
| VESA mounting *          | ✓            |
| Panel mounting interface | 100 x 100 mm |
| Cable lock slot *        | ✓            |
| Cable lock slot type     | Kensington   |
| Height adjustment *      | ✗            |
| Tilt adjustment          | ✓            |
| Tilt angle range         | -2 - 15°     |
| On Screen Display (OSD)  | ✓            |

### Power

|                                           |             |
|-------------------------------------------|-------------|
| Energy efficiency class (SDR) *           | G           |
| Energy efficiency class (HDR) *           | G           |
| Energy consumption (SDR) per 1000 hours * | 28 kWh      |
| Energy consumption (HDR) per 1000 hours * | 72 kWh      |
| Power consumption (typical) *             | 28 W        |
| Power consumption (standby) *             | 0.5 W       |
| Power consumption (max)                   | 78 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)    | 609.9 mm |
| Depth (with stand)    | 234.5 mm |
| Height (with stand)   | 463.8 mm |
| Weight (with stand)   | 3.3 kg   |
| Width (without stand) | 609.9 mm |

| Performance           |                       | Weight & dimensions          |                            |
|-----------------------|-----------------------|------------------------------|----------------------------|
| Game features         | Super Arena Gaming UX | Depth (without stand)        | 57 mm                      |
| Multimedia            |                       | Height (without stand)       | 359.3 mm                   |
| Built-in speaker(s) * | ✗                     | Weight (without stand)       | 2.5 kg                     |
| Built-in microphone   | ✗                     | Packaging data               |                            |
| Built-in camera *     | ✗                     | Stand type                   | Simple stand               |
| Design                |                       | Package width                | 722 mm                     |
| Market positioning *  | Gaming                | Package depth                | 114 mm                     |
| Product colour *      | Black                 | Package height               | 414 mm                     |
| Feet colour           | Black                 | Package weight               | 4.6 kg                     |
| Ports & interfaces    |                       | Packaging content            |                            |
| Built-in USB hub *    | ✗                     | Stand included               | ✓                          |
| HDMI *                | ✓                     | Cables included              | DisplayPort, HDMI, Power   |
| HDMI ports quantity   | 1                     | Power cable length           | 1.5 m                      |
| HDMI version          | 2.0                   | Other features               |                            |
| DisplayPorts quantity | 1                     | Brand specific technologies  | Black Equalizer, Crosshair |
| DisplayPort version   | 1.2                   | Digital signal format system | Not supported              |
| Headphone out *       | ✓                     | Samsung Eye Saver Mode       | ✓                          |
| HDCP                  | ✓                     | Warranty period              | 2 year(s)                  |
| HDCP version          | 2.2                   | Eco Saving Plus              | ✓                          |
| Network               |                       | Image size                   | ✓                          |
| Wi-Fi                 | ✗                     | Off Timer Plus               | ✓                          |
| Ethernet LAN          | ✗                     | Virtual AIM point            | ✓                          |
|                       |                       | Auto source switch+          | ✓                          |



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### Catalog Object Cloud



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