

## Samsung S27FG506SU computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD OLED Black

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS27FG506SUXEN

**Product name :** S27FG506SU

Samsung S27FG506SU. 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                             |                               | Ergonomics                                |              |
|-------------------------------------|-------------------------------|-------------------------------------------|--------------|
| Display diagonal *                  | 68.6 cm (27")                 | Panel mounting interface                  | 100 x 100 mm |
| Display resolution *                | 2560 x 1440 pixels            | Cable lock slot *                         | ✓            |
| HD type *                           | Quad HD                       | Cable lock slot type                      | Kensington   |
| Native aspect ratio *               | 16:9                          | Height adjustment *                       | ✗            |
| Display technology *                | OLED                          | Tilt adjustment                           | ✓            |
| Panel type *                        | OLED                          | Tilt angle range                          | -2 - 15°     |
| Touchscreen *                       | ✗                             | On Screen Display (OSD)                   | ✓            |
| Display brightness (typical)        | 200 cd/m²                     | <b>Power</b>                              |              |
| Display brightness (min)            | 190 cd/m²                     | Energy efficiency class (SDR) *           | G            |
| Response time *                     | 0.03 ms                       | Energy efficiency class (HDR) *           | G            |
| Response time measurement type      | GTG (Gray to Gray)            | Energy consumption (SDR) per 1000 hours * | 28 kWh       |
| Screen shape *                      | Flat                          | Energy consumption (HDR) per 1000 hours * | 72 kWh       |
| Contrast ratio (typical) *          | 1000000:1                     | Power consumption (typical) *             | 28 W         |
| Maximum refresh rate *              | 180 Hz                        | Power consumption (standby) *             | 0.5 W        |
| Viewing angle, horizontal           | 178°                          | Power consumption (max)                   | 78 W         |
| Viewing angle, vertical             | 178°                          | AC input voltage                          | 100 - 240 V  |
| Display number of colours *         | 1 billion colours             | AC input frequency                        | 50/60 Hz     |
| Viewable size, horizontal           | 59 cm                         | Power supply type                         | External     |
| Viewable size, vertical             | 33.4 cm                       | Energy efficiency scale                   | A to G       |
| Display diagonal (metric)           | 68 cm                         | <b>Operational conditions</b>             |              |
| High Dynamic Range (HDR) supported  | ✓                             | Operating temperature (T-T)               | 10 - 40 °C   |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) | Operating relative humidity (H-H)         | 10 - 80%     |
| Colour gamut                        | 99%                           | <b>Weight &amp; dimensions</b>            |              |
| <b>Performance</b>                  |                               | Width (with stand)                        | 609.9 mm     |
| NVIDIA G-SYNC *                     | ✓                             | Depth (with stand)                        | 234.5 mm     |
| NVIDIA G-SYNC type                  | G-SYNC Compatible             | Height (with stand)                       | 463.8 mm     |
| AMD FreeSync *                      | ✓                             | Weight (with stand)                       | 3.3 kg       |
| AMD FreeSync type                   | FreeSync                      | Width (without stand)                     | 609.9 mm     |
| Flicker-free technology             | ✓                             | Depth (without stand)                     | 57 mm        |
| Game features                       | Super Arena Gaming UX         | Height (without stand)                    | 359.3 mm     |
| <b>Multimedia</b>                   |                               | Weight (without stand)                    | 2.5 kg       |
| Built-in speaker(s) *               | ✗                             |                                           |              |

| Multimedia            |        | Packaging data               |                            |
|-----------------------|--------|------------------------------|----------------------------|
| Built-in microphone   | ✗      | Stand type                   | Simple stand               |
| Built-in camera *     | ✗      | Package width                | 722 mm                     |
| Design                |        | Package depth                | 114 mm                     |
| Market positioning *  | Gaming | Package height               | 414 mm                     |
| Product colour *      | Black  | Package weight               | 4.9 kg                     |
| Feet colour           | Black  | Packaging content            |                            |
| Ports & interfaces    |        | Stand included               | ✓                          |
| Built-in USB hub *    | ✗      | Cables included              | DisplayPort, HDMI, Power   |
| HDMI *                | ✓      | Power cable length           | 1.5 m                      |
| HDMI ports quantity   | 1      | Other features               |                            |
| HDMI version          | 2.0    | Brand specific technologies  | Black Equalizer, Crosshair |
| DisplayPorts quantity | 1      | Digital signal format system | Not supported              |
| DisplayPort version   | 1.2    | Samsung Eye Saver Mode       | ✓                          |
| Headphone out *       | ✓      | Warranty period              | 2 year(s)                  |
| HDCP                  | ✓      | Eco Saving Plus              | ✓                          |
| HDCP version          | 2.2    | Image size                   | ✓                          |
| Network               |        | Off Timer Plus               | ✓                          |
| Wi-Fi                 | ✗      | Virtual AIM point            | ✓                          |
| Ethernet LAN          | ✗      | Auto source switch+          | ✓                          |
| Ergonomics            |        |                              |                            |
| VESA mounting *       | ✓      |                              |                            |



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### Catalog Object Cloud



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