SAMSUNG

# Samsung G40B computer monitor 63.5 cm (25") 1920 x 1080 pixels Full HD Black

**Brand :** Samsung

**Product family:** Odyssey

**Product code:** LS25BG400EUXEN

**Product name :** G40B

- IPS panel comes together for a crystal clear picture
- G-Sync compatible monitor has a 240Hz refresh rate and 1ms (GtG) response time
- Ultrawide Game View

25", 1920 x 1080, IPS 16:9, 240Hz, 1 ms (GtG), Black
Samsung G40B. Display diagonal: 63.5 cm (25"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting, Height adjustment. Product colour: Black

| Display | |
|---|---|
| Display diagonal * | 63.5 cm (25") |
| Display resolution * | 1920 x 1080 pixels |
| HD type * | Full HD |
| Native aspect ratio * | 16:9 |
| Panel type * | IPS |
| Display brightness (typical) | 400 cd/m² |
| Display brightness (min) | 320 cd/m² |
| Response time * | 1 ms |
| Response time measurement type | GTG (Gray to Gray) |
| Screen shape * | Flat |
| Contrast ratio (typical) * | 1000:1 |
| Dynamic contrast ratio marketing name | Mega DCR |
| Maximum refresh rate * | 240 Hz |
| Refresh rate optimizor | ✔ |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 16.7 million colours |
| Viewable size, horizontal | 54.4 cm |
| Viewable size, vertical | 30.3 cm |
| Display diagonal (metric) | 62 cm |
| High Dynamic Range (HDR) supported | ✔ |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) |
| sRGB coverage (typical) | 99% |
| Quantum dot color technology | ✘ |

| Performance | |
|---|---|
| NVIDIA G-SYNC * | ✔ |
| NVIDIA G-SYNC type | G-SYNC Compatible |
| AMD FreeSync * | ✔ |
| AMD FreeSync type | FreeSync Premium |
| ConnectShare (USB) | ✘ |
| Flicker-free technology | ✔ |
| Game mode | ✘ |

| Ergonomics | |
|---|---|
| Swivelling | ✔ |
| Swivel angle range | -15 - 15° |
| Tilt adjustment | ✔ |
| Tilt angle range | -3 - 22° |
| Picture-in-Picture | ✘ |
| Black eQualizer function | ✔ |

| Power | |
|---|---|
| Energy efficiency class (SDR) * | E |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 18 kWh |
| Energy consumption (HDR) per 1000 hours * | 31 kWh |
| Power consumption (typical) * | 18 W |
| Power consumption (max) | 35 W |
| Power consumption (off) | 0.3 W |
| AC input voltage | 100 - 240 V |
| 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) | 558.5 mm |
| Depth (with stand) | 244.8 mm |
| Height (with stand) | 552.9 mm |
| Weight (with stand) | 4.5 kg |
| Width (without stand) | 558.5 mm |
| Depth (without stand) | 85.4 mm |
| Height (without stand) | 341.1 mm |
| Weight (without stand) | 2.8 kg |

| Packaging data | |
|---|---|
| Stand type | HAS stand |
| Package width | 628 mm |

| Performance | |
|---|---|
| Game features | Super Arena Gaming UX, Super Ultrawide GameView |
| Smart modes | Cinema, Custom, Dynamic, FPS, RPG, RTS, Sports |
| Windows operating systems supported | Windows 10 |

| Multimedia | |
|---|---|
| Built-in speaker(s) * | ✗ |
| Adaptive Sound Control (ASC) | ✗ |
| Built-in camera * | ✗ |

| Design | |
|---|---|
| Market positioning * | Consumer |
| Product colour * | Black |
| Feet colour | Black |

| Ports & interfaces | |
|---|---|
| Built-in USB hub * | ✗ |
| DVI port | ✗ |
| HDMI * | ✓ |
| HDMI ports quantity | 2 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.2 |
| Audio input | ✗ |
| Headphone out * | ✓ |
| HDCP | ✓ |
| HDCP version | 2.2 |

| Network | |
|---|---|
| Wi-Fi | ✗ |
| Bluetooth | ✗ |
| Ethernet LAN | ✗ |

| Ergonomics | |
|---|---|
| VESA mounting * | ✓ |
| Panel mounting interface | 100 x 100 mm |
| Wall mountable | ✓ |
| Height adjustment * | ✓ |
| Adjustable height (max) | 12 cm |
| Pivot | ✓ |
| Pivot angle | -92 - 92° |

| Packaging data | |
|---|---|
| Package depth | 429 mm |
| Package height | 163 mm |
| Package weight | 6 kg |

| Packaging content | |
|---|---|
| Cables included | HDMI |
| Power cable length | 1.5 m |

| Other features | |
|---|---|
| Brand specific technologies | Black Equalizer |
| Low input lag | ✓ |
| Sound mirroring | ✗ |
| TV Plus | ✗ |
| SmartThings app support | ✗ |
| Works with Samsung Bixby | ✗ |
| Tap view | ✗ |
| Far-field voice interaction | ✗ |
| Universal guide | ✗ |
| Power consumption (DPMS) | 0.5 W |
| Picture-by-Picture (PbP) | ✗ |
| Samsung Eye Saver Mode | ✓ |
| Anynet + (HDMI-CEC) | ✗ |
| Wireless charging | ✗ |
| Daisy chain | ✗ |
| Eco Saving Plus | ✓ |
| Eco Motion Sensor | ✗ |
| Eco Light Sensor | ✓ |
| Image size | No |
| Wireless display | ✗ |
| Gray balance | No |
| Disclaimer | ✗ |
| Factory tunning | No |
| Adaptive picture | ✓ |
| Off Timer Plus | ✓ |
| Workspace | ✗ |
| Factory calibration report | ✗ |
| Uniformity correction | ✗ |
| Virtual AIM point | ✓ |

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