

## Samsung Odyssey Neo G7 computer monitor 109.2 cm (43") 3840 x 2160 pixels 4K Ultra HD LED White

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS43CG700NUXEN

**Product name :** Neo G7

Samsung Odyssey Neo G7. Display diagonal: 109.2 cm (43"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting. Product colour: White



| Display                               |                                                   | Ports & interfaces                        |                    |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|--------------------|
| Display diagonal *                    | 109.2 cm (43")                                    | DisplayPort version                       | 1.4                |
| Display resolution *                  | 3840 x 2160 pixels                                | Headphone out *                           | ✓                  |
| HD type *                             | 4K Ultra HD                                       | HDCP                                      | ✓                  |
| Native aspect ratio *                 | 16:9                                              | HDCP version                              | 2.2                |
| Display technology *                  | LED                                               | Network                                   |                    |
| Panel type *                          | VA                                                | Wi-Fi                                     | ✓                  |
| Touchscreen *                         | ✗                                                 | Wi-Fi standards                           | Wi-Fi 5 (802.11ac) |
| Display brightness (typical)          | 400 cd/m²                                         | Bluetooth                                 | ✓                  |
| Response time                         | 1 ms                                              | Bluetooth version                         | 5.2                |
| Anti-glare screen                     | ✓                                                 | Ethernet LAN                              | ✓                  |
| Screen shape *                        | Flat                                              | Remotely operated                         | ✓                  |
| Contrast ratio (typical) *            | 4250:1                                            | Ergonomics                                |                    |
| Contrast ratio (dynamic)              | 1000000:1                                         | VESA mounting *                           | ✓                  |
| Dynamic contrast ratio marketing name | Mega DCR                                          | Panel mounting interface                  | 200 x 200 mm       |
| Maximum refresh rate *                | 144 Hz                                            | Wall mountable                            | ✓                  |
| Viewing angle, horizontal             | 178°                                              | Height adjustment *                       | ✗                  |
| Viewing angle, vertical               | 178°                                              | Tilt adjustment                           | ✓                  |
| Display number of colours *           | 1 billion colours                                 | Tilt angle range                          | -2 - 20°           |
| Viewable size, horizontal             | 94.1 cm                                           | Power                                     |                    |
| Viewable size, vertical               | 52.9 cm                                           | Energy efficiency class (SDR) *           | G                  |
| Display diagonal (metric)             | 108 cm                                            | Energy efficiency class (HDR) *           | G                  |
| Local dimming zones                   | 1                                                 | Energy consumption (SDR) per 1000 hours * | 54 kWh             |
| High Dynamic Range (HDR) supported    | ✓                                                 | Energy consumption (HDR) per 1000 hours * | 105 kWh            |
| High Dynamic Range (HDR) technology   | High Dynamic Range 10+ Gaming (HDR10 Plus Gaming) | Power consumption (typical) *             | 54.4 W             |
| Colour gamut                          | 95%                                               | Power consumption (standby) *             | 0.5 W              |
| Hardware calibration                  | ✓                                                 | AC input voltage                          | 100 - 240 V        |
| Performance                           |                                                   | AC input frequency                        | 50 - 60 Hz         |
| NVIDIA G-SYNC *                       | ✗                                                 | Power supply type                         | Internal           |
| AMD FreeSync *                        | ✓                                                 | Energy efficiency scale                   | A to G             |
| AMD FreeSync type                     | FreeSync Premium Pro                              | Annual energy consumption                 | 79 kWh             |
| Brand specific technologies           | Eye Care+                                         | Operational conditions                    |                    |
| Flicker-free technology               | ✓                                                 | Operating temperature (T-T)               | 0 - 40 °C          |
| Game mode                             | ✓                                                 |                                           |                    |

| Performance                   |                                | Operational conditions                                      |                    |
|-------------------------------|--------------------------------|-------------------------------------------------------------|--------------------|
| TV Plus                       | ✓                              | Operating relative humidity (H-H)                           | 10 - 80%           |
| SmartThings app support       | ✓                              | <b>Packaging content</b>                                    |                    |
| Works with Samsung Bixby      | ✓                              | Stand included                                              | ✓                  |
| Office 365 support            | ✓                              | Cables included                                             | DisplayPort, Power |
| Wireless Dex support          | ✓                              | Remote control included                                     | ✓                  |
| Tap view                      | ✓                              | Power cable length                                          | 1.5 m              |
| Web browser                   | ✓                              | <b>Weight &amp; dimensions</b>                              |                    |
| Smart modes                   | Dynamic, Game, Movie, Standard | Width (with stand)                                          | 960.8 mm           |
| Operating system installed    | Tizen                          | Depth (with stand)                                          | 254.1 mm           |
| <b>Multimedia</b>             |                                | Height (with stand)                                         | 635 mm             |
| Built-in speaker(s) *         | ✓                              | Weight (with stand)                                         | 11.7 kg            |
| Built-in camera *             | ✗                              | Width (without stand)                                       | 960.8 mm           |
| <b>Design</b>                 |                                | Depth (without stand)                                       | 37.9 mm            |
| Market positioning *          | Gaming                         | Height (without stand)                                      | 563.3 mm           |
| Product colour *              | White                          | Weight (without stand)                                      | 9.2 kg             |
| Front bezel colour            | Black                          | <b>Packaging data</b>                                       |                    |
| Detachable stand              | ✓                              | Package width                                               | 1233 mm            |
| Feet colour                   | Black                          | Package depth                                               | 153 mm             |
| <b>Ports &amp; interfaces</b> |                                | Package height                                              | 667 mm             |
| Built-in USB hub *            | ✓                              | Package weight                                              | 161 kg             |
| USB hub version               | 3.2 Gen 1 (3.1 Gen 1)          | Package type                                                | Box                |
| DVI port                      | ✗                              | <b>Sustainability</b>                                       |                    |
| HDMI *                        | ✓                              | European Product Registry for Energy Labelling (EPREL) code | 1391322            |
| HDMI ports quantity           | 2                              | <b>Other features</b>                                       |                    |
| HDMI version                  | 2.1                            | Power cord included                                         | ✓                  |
| DisplayPorts quantity         | 1                              |                                                             |                    |



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