

SAMSUNG



# Odyssey G55C QHD Curved Gaming Monitor

LS27CG552ENXZA | LS32CG552ENXZA

Samsung's Odyssey G5 QHD Gaming Monitor provides 1.7x the pixel density of Full HD with incredibly detailed images, making gaming more lifelike than ever before. Featuring 165Hz refresh rate and 1ms response time (MPRT) for ultra-smooth action and frames with minimal blur. The 1000R display fills your peripheral vision and draws you in to the game. AMD FreeSync™ keeps the monitor and the graphics card refresh rate in sync, and reduces image tearing for seamless, smooth scenes. Experience awe-inspiring graphics with HDR10, providing near limitless shades, for deep dark blacks and luminous whites. Eye Saver Mode minimizes blue light and reduces eye strain, enabling extended periods of game play.

## Key features

### QHD

#### QHD Resolution

Your gaming world, more lifelike than ever before. Packing in 1.7x the pixel density of Full HD, QHD resolution boasts incredibly detailed, pin-sharp images. Experience a fuller view with more space to take in all the action.

**165Hz**  
REFRESH RATE  
**1ms**

#### 165Hz refresh rate and 1ms response time

Experience the exhilaration of game play as you speed through scenes with a 165Hz refresh rate that eliminates lag for ultra-smooth action. Jump on enemies immediately with a 1ms response time (MPRT) for frames with minimal blur.

**1000R**

#### 1000R curvature

Experience the next level of heart-pounding gaming. Vivid scenes wrap even more tightly around you with the 1000R curved display, filling your peripheral vision and drawing you right into the character's shoes.

AMD  
RADEON  
**FreeSync**

#### AMD FreeSync™

AMD Radeon FreeSync™ keeps your monitor and graphics card refresh rate in sync to reduce image tearing, providing a superfluid entertainment experience. Watch movies and play games without interruptions.

**HDR**  
HIGH DYNAMIC RANGE

#### HDR10

Awe-inspiring graphics with HDR10. A kaleidoscope of shades brings game scenes to life with incredible vibrancy. Uncover the secrets hiding in the shadows with deep dark blacks, luminous whites, and exceptionally detailed resolution.

# Specifications

| Model                |                                      | LS27CG552ENXZA   | LS32CG552ENXZA  |
|----------------------|--------------------------------------|--|---|
| Display              | Screen Size (Class)                  | 27"  | 32"   |
|                      | Flat / Curved                        | Curved   | Curved  |
|                      | Active Display Size (HxV) (mm / in.) | 596.736 (H) x 335.664 (V)<br>23.5 (H) x 13.2 (V)   | 697.344 (H) x 392.256 (V)<br>27.5 (H) x 15.4 (V)  |
|                      | Screen Curvature                     | 1000R  | 1000R   |
|                      | Aspect Ratio                         | 16:9   | 16:9  |
|                      | Panel Type                           | VA   | VA  |
|                      | Brightness (Typical)                 | 300 cd/m <sup>2</sup>  | 300 cd/m <sup>2</sup>   |
|                      | Brightness (Min)                     | 200 cd/m <sup>2</sup>  | 200 cd/m <sup>2</sup>   |
|                      | Contrast Ratio (Static)              | 2,500:1(Typ.)  | 2,500:1(Typ.)   |
|                      | Contrast Ratio (Dynamic)             | Mega ∞ DCR   | Mega ∞ DCR  |
|                      | HDR(High Dynamic Range)              | HDR10  | HDR10   |
|                      | Resolution                           | 2,560 x 1,440  | 2,560 x 1,440   |
|                      | Response Time (ms)                   | 1 (MPRT)   | 1 (MPRT)  |
|                      | Viewing Angle (H/V)                  | 178°(H) / 178°(V)  | 178°(H) / 178°(V)   |
|                      | Color Support                        | Max 16.7M  | Max 16.7M   |
|                      | Frame Rate                           | Max 165Hz  | Max 165Hz   |
| General Feature      | Eye Saver Mode                       | Yes  | Yes   |
|                      | Flicker Free                         | Yes  | Yes   |
|                      | Image Size                           | Yes  | Yes   |
|                      | Windows Certification                | Windows 11   | Windows 11  |
|                      | FreeSync                             | FreeSync   | FreeSync  |
|                      | Off Timer Plus                       | Yes  | Yes   |
|                      | Black Equalizer                      | Yes  | Yes   |
|                      | Low Input Lag Mode                   | Yes  | Yes   |
|                      | Virtual AIM Point                    | Yes  | Yes   |
|                      | Refresh Rate Optimizer               | Yes  | Yes   |
|                      | Super Arena Gaming UX                | Yes  | Yes   |
|                      | Auto Source Switch                   | Auto Source Switch+  | Auto Source Switch+   |
| Interface            | Display Port                         | 1 EA   | 1 EA  |
|                      | Display Port Version                 | 1.2  | 1.2   |
|                      | HDCP Version (DP)                    | 2.2  | 2.2   |
|                      | HDMI                                 | 1 EA   | 1 EA  |
|                      | HDMI Version                         | 2  | 2   |
|                      | HDCP Version (HDMI)                  | 2.2  | 2.2   |
| Headphone            | Yes                                  | Yes  |   |
| Operation Conditions | Temperature                          | 10~40 °C / 50~104 °F   | 10~40 °C / 50~104 °F  |
|                      | Humidity                             | 10~80,non-condensing %   | 10~80,non-condensing %  |
| Calibration          | Color Mode                           | PC:Entertain/Graphic/Eco/<br>Game Standard/RPG/RTS/<br>FPS/Sports/Original/Custom,<br>AV:Dynamic/Standard/Eco/<br>Movie/Game Standard/RPG/<br>RTS/FPS/Sports/Original/<br>Custom | PC:Entertain/Graphic/Eco/<br>Game Standard/RPG/RTS/<br>FPS/Sports/Original/Custom<br>AV:Dynamic/Standard/Eco/<br>Movie/Game Standard/RPG/<br>RTS/FPS/Sports/Original/<br>Custom |
| Design               | Front Color                          | Black  | Black   |
|                      | Rear Color                           | Black  | Black   |
|                      | Stand Color                          | Black  | Black   |
|                      | Stand Type                           | Simple   | Simple  |
|                      | Tilt                                 | -2 ~ 18  | -2 ~ 18   |
| Power                | Wall Mount                           | 75 x 75  | 75 x 75   |
|                      | Power Supply                         | AC 100~240V  | AC 100~240V   |
|                      | Power Consumption (Max)              | 40 W   | 59 W  |
| Dimension            | Type                                 | External Adaptor   | External Adaptor  |
|                      | Set Dimension with Stand (WxHxD)     | 616.6 x 477.4 x 272.6 mm /<br>24.3 x 18.8 x 10.7 in.   | 710.1 x 533.6 x 272.6 mm /<br>28 x 21 x 10.7 in.  |
|                      | Set Dimension without Stand (WxHxD)  | 614.6 x 382.8 x 120.0 mm /<br>24.2 x 15.1 x 4.7 in.  | 710.1 x 439.4 x 135.9 mm /<br>28 x 17.3 x 5.4 in.   |
| Weight               | Package Dimension (WxHxD)            | 679.0 x 188 x 438.0 mm /<br>26.7 x 7.4 x 17.2 in.  | 793.0 x 197 x 494.0 mm /<br>31.2 x 7.8 x 19.4 in.   |
|                      | Set Weight with Stand                | 4.1 kg / 9 lbs.  | 5.2 kg / 11.5 lbs.  |
| Accessory            | Set Weight without Stand             | 3.7 kg / 8.2 lbs.  | 4.8 kg / 10.6 lbs.  |
|                      | Package Weight                       | 5.7 kg / 12.6 lbs.   | 7.5 kg / 16.5 lbs.  |
|                      | Power Cable Length                   | 1.5 m / 4.9 ft.  | 1.5 m / 4.9 ft.   |
|                      | HDMI Cable                           | Yes  | Yes   |
|                      | DP Cable                             | Yes  | Yes   |

Front view



Back view



Side view



Connectivity



● HDMI IN ● DP IN ● USB / SERVICE ● POWER