

A Samsung Odyssey G55C QHD Curved Gaming Monitor is shown at an angle, displaying a vibrant space scene. An astronaut in a white suit is floating in the center, with a sleek, dark spaceship behind them. The background is a deep blue and purple nebula with bright, glowing stars and light trails. The monitor's bezel is thin, and the Samsung logo is visible at the bottom center of the frame.

SAMSUNG

Odyssey G55C QHD Curved Gaming Monitor

LS27CG554ENXZA

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		LS27CG554ENXZA
Display	Screen Size (Class)	27"
	Flat / Curved	Curved
	Active Display Size (HxV) (mm / in.)	596.736 (H) x 335.664 (V) / 23.5 (H) x 13.2 (V)
	Screen Curvature	1000R
	Aspect Ratio	16:9
	Panel Type	VA
	Brightness (Typical)	300 cd/m²
	Brightness (Min)	200 cd/m²
	Contrast Ratio (Static)	2,500:1(Typ.)
	Contrast Ratio (Dynamic)	Mega ∞ DCR
	HDR(High Dynamic Range)	HDR10
	Resolution	2,560 x 1,440
	Response Time (ms)	1 (MPRT)
	Viewing Angle (H/V)	178°(H) / 178°(V)
	Color Support	Max 16.7M
	Frame Rate	Max 165Hz
General Feature	Eye Saver Mode	Yes
	Flicker Free	Yes
	Image Size	Yes
	Windows Certification	Windows 11
	FreeSync	FreeSync
	Off Timer Plus	Yes
	Black Equalizer	Yes
	Low Input Lag Mode	Yes
	Virtual AIM Point	Yes
	Refresh Rate Optimizor	Yes
	Super Arena Gaming UX	Yes
	Auto Source Switch	Auto Source Switch+
Interface	Display Port	1 EA
	Display Port Version	1.2
	HDCP Version (DP)	2.2
	HDMI	1 EA
	HDMI Version	2
	HDCP Version (HDMI)	2.2
	Headphone	Yes
Operation Conditions	Temperature	10~40 °C / 50~104 °F
	Humidity	10~80, non-condensing %
Calibration	Color Mode	PC:Entertain/Graphic/Eco/Game Standard/RPG/RTS/FPS/ Sports/Original/Custom, AV:Dynamic/Standard/Eco/Movie/ Game Standard/RPG/RTS/FPS/Sports/Original/Custom
Design	Front Color	Black
	Rear Color	Black
	Stand Color	Black
	Stand Type	Simple
	Tilt	-2 ~ 18
Power	Wall Mount	75 x 75
	Power Supply	AC 100~240V
	Power Consumption (Max)	40 W
Dimension	Type	External Adaptor
	Set Dimension with Stand (WxHxD)	616.6 x 477.4 x 272.6 mm / 24.3 x 18.8 x 10.7 in.
	Set Dimension without Stand (WxHxD)	614.6 x 382.8 x 120.0 mm / 24.2 x 15.1 x 4.7 in.
Weight	Package Dimension (WxHxD)	679.0 x 188 x 438.0 mm / 26.7 x 7.4 x 17.2 in.
	Set Weight with Stand	4.1 kg / 9 lbs.
	Set Weight without Stand	3.7 kg / 8.2 lbs.
Accessory	Package Weight	5.7 kg / 12.6 lbs.
	Power Cable Length	1.5 m / 4.9 ft.
	DP Cable	Yes

Front view



Back view



Side view



Connectivity

