

SAMSUNG



27" / 32" Odyssey G7 (G70D) 4K UHD IPS 144Hz 1ms(GtG) Smart Gaming Monitor

LS27DG702ENXZA / LS32DG702ENXZA

Samsung's Odyssey G7 Smart Gaming Monitor takes gaming to new heights. 4K UHD Resolution elevates your gaming with crystal-clear realistic visuals. The Fast IPS Panel delivers clear colors and clarity from any viewpoint so colors stay consistent and accurate, while quick response time reduces motion blur and ghosting. The 144Hz refresh rate combined with a near-instant 1ms response time (GtG) enables every movement to be captured in real time for unbeatable gaming precision. AMD FreeSync™ Premium reduces screen tearing, stutter, and input latency. The NQM AI Processor upscales lower resolutions to nearly 4K for higher quality images and DisplayHDR 400 enhances contrast with deeper blacks and brighter whites. Provides instant access to top streaming services with advanced technology without downloads. Easy viewing of the most important settings such as FPS or HDR enables adjusting the screen ratio to 21:9, zooming in on the Minimap, or changing the game picture mode without ever leaving game screen. Dynamic Black Equalizer analyzes brightness of game scenes and automatically adjusts sharpness, saturation, and black details. The ergonomic stand swivels and tilts the monitor, allowing display to be moved freely for total gaming comfort. Move effortlessly from gaming to streaming with Smart TV Apps and don't miss a word with Active Voice Amplifier Pro. Auto Source Switch+ instantly switches to a new source signal when connected devices are turned on. CoreSync projects colors into the real world for further immersion and Core Lighting+ adds amazing color to any setup for an instant vibe shift.

Key features

UHD

4K UHD

4K UHD resolution elevates your gaming with crystal-clear visuals that shine brighter, making worlds feel more real with incredible detail.

IPS

Fast IPS

Fast IPS panel delivers clear colors and clarity from any viewpoint. With a 178° wide viewing angle, colors stay consistent and accurate from any angle. Quick response time reduces motion blur and ghosting, providing an immersive gaming experience.

144Hz REFRESH RATE

144Hz Refresh Rate & 1ms Response Time

The 144Hz refresh rate delivers ultra-smooth gameplay, reducing lag and motion blur. Combined with a near-instant 1ms response time (GtG), every movement is captured in real time, allowing for quick reactions and unbeatable gaming precision.

AMD FreeSync Premium Pro

AMD FreeSync™ Premium

Experience smooth and uninterrupted gameplay. AMD FreeSync™ Premium features adaptive sync technology which reduces screen tearing, stutter, and input latency. Low frame-rate compensation ensures every scene flows smoothly.

VESA CERTIFIED DisplayHDR 400

VESA DisplayHDR 400

See the full picture. DisplayHDR 400 enhances contrast with deeper blacks and brighter whites to help you uncover enemies or secrets lurking in the shadows. Even in dark scenes, every detail shines with clarity.



Gaming Hub

Gaming Hub allows instant access to top streaming services and your favorite consoles. Smooth visuals and responsive gameplay are powered by Samsung's advanced game streaming technology without downloads – just turn on and play.

Specifications

Model Code		LS27DG702ENXZA	LS32DG702ENXZA
Display	Screen Size (Class)	27	32
	Flat / Curved	Flat	Flat
	Active Display Size (HxV) (mm)	596.736 x 335.664 / 23.5 x 13.2 Inches	698.112 x 392.688 / 27.5 x 15.5 Inches
	Aspect Ratio	16:09	16:09
	Panel Type	IPS	IPS
	Brightness (Typical)	350 cd/m²	350 cd/m²
	Brightness (Min)	280 cd / m²	280 cd/m²
	Contrast Ratio (Static)	1000:1	1000:1
	HDR(High Dynamic Range)	VESA DisplayHDR 400	VESA DisplayHDR 400
	HDR10+	HDR10+ Gaming	HDR10+ Gaming
	Resolution	4K (3,840 x 2,160)	4K (3,840 x 2,160)
	Response Time (ms)	1ms(GTG)	1ms(GTG)
	Viewing Angle (H/V)	178° /178°	178° /178°
	Color Support	Max 1B	Max 1B
	Color Gamut (sRGB Coverage)	99% (CIE1931)	99% (CIE1931)
General Feature	Frame Rate	Max 144Hz	Max 144Hz
	Eye Saver Mode	Yes	Yes
	Flicker Free	Yes	Yes
	Image Size	Yes	Yes
	Windows Certification	Windows11	Windows11
	FreeSync	FreeSync Premium	FreeSync Premium
	Off Timer Plus	Yes	Yes
	Virtual AIM Point	Yes	Yes
	Core Sync	Yes	Yes
	Game Bar	Yes	Yes
	Gaming Hub	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)
	HDMI-CEC	Yes	Yes
	Auto Source Switch	Auto Source Switch+	Auto Source Switch+
	Adaptive Picture	Yes	Yes
	Super Ultrawide GameView	Yes	Yes
Smart Service	Smart Type	Smart	Smart
	Operating System	Tizen™	Tizen™
	Bixby	Yes	Yes
	Far-Field Voice Interaction	Yes	Yes
	Built-in Voice Assistant	Alexa	Alexa
	TV Plus	Yes	Yes
	Universal Guide	Yes (US only)	Yes (US only)
	SmartThings Hub	Yes	Yes
	Multi Device Experience	Mobile to Screen, Screen initiate mirroring, Sound Mirroring, Wireless On, Tap View	Mobile to Screen, Screen initiate mirroring, Sound Mirroring, Wireless On, Tap View
	My Contents	Yes	Yes
	ScreenVitals	Yes	Yes
	Multi View	upto 2 videos	upto 2 videos
	Smart Calibration	Basic	Basic
	Workspace	Yes	Yes
Interface	Wireless Display	Yes	Yes
	Display Port	1 EA	1 EA
	Display Port Version	1.4	1.4
	HDMI	2 EA	2 EA
	HDMI Version	2.1	2.1
	USB Ports	2	2
	USB Hub Version	3.0	3.0
	USB-B Upstream Port	1	1
	Ethernet (LAN)	1 EA	1 EA
	WiFi	Yes (WiFi5)	Yes (WiFi5)
Audio	Bluetooth	Yes (5.2)	Yes (5.2)
	Speaker	Yes	Yes
	Speaker Output	10W	10W
Operation Conditions	Adaptive Sound	Adaptive Sound Pro	Adaptive Sound Pro
	Temperature	10 ~ 40 °C	10 ~ 40 °C
	Humidity	10 ~ 80, non-condensing %	10 ~ 80, non-condensing %
Calibration	Factory Tuning	Yes	Yes
	Factory Calibration Report	Yes	Yes
Design	Front Color	Black	Black
	Rear Color	Black	Black
	Stand Color	Black	Black
	Stand Type	HAS PIVOT	HAS PIVOT
	HAS(Height Adjustable Stand)	120.0 ±5.0	120.0 ±5.0
	Tilt	-2.0°(± 2°) ~ 25.0°(± 2°)	-2.0°(± 2°) ~ 25.0°(± 2°)
	Swivel	-30.0°(± 3°) ~ 30.0°(± 3°)	-30.0°(± 3°) ~ 30.0°(± 3°)
	Pivot	-92.0°(± 2°) ~ 92.0°(± 2°)	-92.0°(± 2°) ~ 92.0°(± 2°)
Power	Wall Mount	100 x 100	100 x 100
	Power Supply	AC100-240V	AC100-240V
	Power Consumption (Max)	78 W	78 W
Dimension	Type	External Adaptor	External Adaptor
	Set Dimension with Stand (WxHxD)	613.0 x 553.2 x 263.5 mm / 24.1 x 21.8 x 10.4 Inches"	714.2 x 583.2 x 263.5 mm / 28.1 x 23.0 x 10.4 Inches
	Set Dimension without Stand (WxHxD)	613.0 x 361.5 x 73.8 mm / 24.1 x 14.2 x 2.9 Inches	714.2 x 418.4 x 73.8 mm / 28.1 x 16.5 x 2.9 Inches
Weight	Package Dimension (WxHxD)	695.0 x 159.0 x 478.0 mm / 27.4 x 6.3 x 18.8 Inches	796.0 x 166.0 x 517.0 mm / 31.3 x 6.5 x 20.4 Inches
	Set Weight with Stand	7.1 kg / 15.7 lbs	8.0 kg / 17.6 lbs
	Set Weight without Stand	3.9 kg / 8.6 lbs	4.8 kg / 10.6 lbs
Accessory	Package Weight	8.9 kg / 19.6 lbs	10.1 kg / 22.3 lbs
	Power Cable Length	1.5 m / 4.9 Ft	1.5 m / 4.9 Ft
	DP Cable	Yes	Yes
	USB Type A to B Upstream Cable	Yes	Yes
	Remote Controller	Yes	Yes

Front view



Back view



Side view



USB Type-A Downstream USB Type-B Upstream USB Type-A Downstream DP IN HDMI IN 1 HDMI IN 2 LAN POWER