

SAMSUNG



40" Odyssey G7 G75F Ultrawide 4K 180Hz Curved Gaming Monitor

LS40FG75DENXZA

Samsung's 40" Odyssey G7 Curved Gaming Monitor provides breathtaking realism for epic game play. The 40" 1000R curved display with its ultra wide 21:9 screen and brilliant Ultrawide 4K wraps around the field of vision for next-level gaming. VESA DisplayHDR™ 600 delivers more contrast, with deeper blacks and brighter whites for greater clarity even in dark scenes. 180Hz refresh rate and near-instant 1ms response time (GtG) minimizes lag for ultra-smooth gameplay. AMD FreeSync™ Premium Pro syncs the GPU and panel to reduce choppiness, screen lag, and image tears. Picture-by-Picture maximizes screen potential with a split screen to team up with friends, while Picture-in-Picture allows content management on a single screen. Auto Source Switch+ detects when connected devices are turned on and instantly switches to the new source signal. CoreSync technology with 16.7 million colors and CoreLighting+ project vibrant on-screen colors into the real world for a fully immersive experience. The ergonomic stand enables monitor tilt and height adjustment for optimal gaming comfort.

Key features



Ultrawide 4K (5120 x 2160)

Immerse yourself in a panoramic gaming experience with a 40" 1000R curved display. Paired with brilliant WUHD resolution, this ultra-wide 21:9 screen offers a broader view than UHD — delivering truly captivating gameplay with unparalleled visuals.



VESA DisplayHDR™ 600

Reveal the whole picture. DisplayHDR™ 600 delivers more contrast, with deeper blacks and brighter whites, so details shine with clarity even in dark scenes.



180Hz refresh rate and 1ms response time (GtG)

Race to the top with ultimate speed with a 180Hz refresh rate and 1ms response time (GtG). Capture your moves in real-time with minimized lag and react fast with ultra-smooth gaming precision.



AMD FreeSync™ Premium Pro

Keep your fast-action games fluid with variable refresh rate (VRR). AMD FreeSync™ Premium Pro syncs the GPU and panel to reduce choppiness, screen lag and image tears, setting you up for intense gaming sessions.

Specifications

Model Code		LS40FG75DENXZA
Display	Screen Size (Class)	40"
	Flat / Curved	Curved
	Active Display Size (HxV) (mm / in.)	926.8224 x 391.0032 mm / 365 x 154 in.
	Screen Curvature	1000R
	Aspect Ratio	21:09
	Panel Type	VA
	Brightness (Typical)	350 cd/m²
	Brightness (Min)	280 cd/m²
	Contrast Ratio (Static)	3000:01:00
	HDR(High Dynamic Range)	VESA DisplayHDR 600
	HDR10+	HDR10+ Gaming
	Resolution	WUHD (5,120 x 2,160)
	Response Time (ms)	1ms
	Viewing Angle (H/V)	178/178
	Color Support	Max 1.07B
	Color Gamut (DCI Coverage)	90%
	Color Gamut (sRGB Coverage)	99%
	Frame Rate	Max 180Hz
General Feature	Energy Saving Solution	Yes
	Eye Saver Mode	Yes
	Flicker Free	Yes
	Picture-In-Picture	Yes
	Picture-By-Picture	Yes
	Image Size	Yes
	Windows Certification	Windows11
	FreeSync	FreeSync Premium Pro
	G-Sync	No
	Off Timer Plus	Yes
	Black Equalizer	Yes
	Virtual AIM Point	Yes
	Core Sync	Yes
	Super Arena Gaming UX	Yes
	Auto Source Switch	Auto Source Switch+
Interface	Display Port	1 EA
	Display Port Version	1.4
	HDCP Version (DP)	2.2
	HDMI	2 EA
	HDMI Version	2.1
	HDCP Version (HDMI)	2.2
	Headphone	Yes
	USB-C	No
	USB-B Upstream Port	1
	USB Type-A Downstream Port	2
	USB Type-A Downstream Version	3.2 Gen1
Audio	Speaker	No
Operation Conditions	Temperature	10 - 40 °C
	Humidity	10 - 80 (Non-Condensing) %
Calibration	Factory Tunning	Yes
	Factory Calibration Report	Yes
Design	Front Color	Black
	Rear Color	Black
	Stand Color	Black
	Stand Type	HAS
	HAS (Height Adjustable Stand)	120.0 mm (±5.0 mm)
	Tilt	-5.0 (±2.0) - 20.0° (±2.0°)
	Swivel	-20.0 (±3.0) - 20.0° (±3.0°)
Eco	Wall Mount	100 x 100
	Recycled Plastic	10 ↑ %
Power	Power Supply	AC 100 - 240 V
	Power Consumption (Max)	140 W
	Type	External Adaptor
Dimension	Set Dimension with Stand (WxHxD)	928.6 x 599.0 x 303.8 mm / 36.5 x 23.5 x 11.9 in.
	Set Dimension without Stand (WxHxD)	928.6 x 422.8 x 196.1 mm / 36.5 x 16.6 x 7.7 in.
	Package Dimension (WxHxD)	1030 x 281.0 x 520 mm / 40.6 x 11.1 x 20.5 in.
Weight	Set Weight with Stand	11.3 kg / 24.9 lbs.
	Set Weight without Stand	7.3 kg / 16.1 lbs.
	Package Weight	15.3 kg / 33.7 lbs.
Accessory	Power Cable Length	1.5 m / 4.9 ft.
	HDMI Cable	Yes
	DP Cable	Yes
	USB Type A to B Upstream Cable	Yes

Front view



Back view



Side view



Connectivity



● USB Type-A Downstream / SERVICE ● USB Type-B Upstream ● USB Type-A Downstream
● Headphone OUT ● HDMI IN1 ● HDMI IN2 ● DP IN ● POWER