

## Samsung LS55CG970NU computer monitor 139.7 cm (55") 3840 x 2160 pixels 4K Ultra HD LED Black

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS55CG970NUXXU

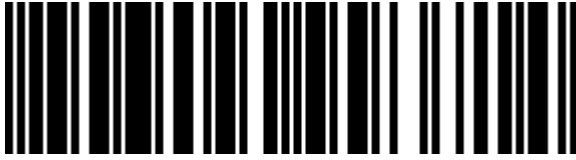
**Product name :** LS55CG970NU



- Overwhelm your senses with 55" large screen & 1000R curvature  
 - Swing into groundbreaking views with Cockpit Mode & Eclipse Lighting  
 - Ark Dial puts the player in full control of Ark, allowing quick and simple access to a variety of functions  
 55" Odyssey Ark 2nd Gen, UHD, Mini LED 165Hz Smart Gaming Monitor  
 Samsung LS55CG970NU. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Display surface: Matt, 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. VESA mounting, Height adjustment. Product colour: Black

Display		Network	
Display diagonal *	139.7 cm (55")	Bluetooth version	5.2
Display resolution *	3840 x 2160 pixels	Ethernet LAN	✓
HD type *	4K Ultra HD	<b>Ergonomics</b>	
Native aspect ratio *	16:9	VESA mounting *	✓
Display technology *	LED	Panel mounting interface	200 x 200 mm
Panel type *	VA	Height adjustment *	✓
Touchscreen *	✗	Height adjustment	27 cm
Display brightness (typical)	600 cd/m <sup>2</sup>	Pivot	✓
Response time *	1 ms	Pivot angle	-90 - 90°
Display surface	Matt	Tilt adjustment	✓
Screen shape *	Curved	Tilt angle range	-10 - 10°
Screen curvature rating	1000R	<b>Power</b>	
Contrast ratio (typical) *	1000000:1	Energy efficiency class (SDR) *	G
Dynamic contrast ratio marketing name	Mega DCR	Energy efficiency class (HDR) *	G
Maximum refresh rate *	165 Hz	Energy consumption (SDR) per 1000 hours *	80 kWh
Viewing angle, horizontal	178°	Energy consumption (HDR) per 1000 hours *	162 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	80 W
Display number of colours *	1 billion colours	Power consumption (standby) *	0.5 W
Viewable size, horizontal	121 cm	Power consumption (max)	140 W
Viewable size, vertical	68 cm	AC input voltage	100 - 240 V
Display diagonal (metric)	138 cm	AC input frequency	50/60 Hz
High Dynamic Range (HDR) supported	✓	Power supply type	Internal
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Quantum HDR	Energy efficiency scale	A to G
Colour gamut	95%	European Product Registry for Energy Labelling (EPREL) code	1648820
<b>Performance</b>		<b>Operational conditions</b>	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	0 - 40 °C
AMD FreeSync *	✓	Operating relative humidity (H-H)	10 - 80%
AMD FreeSync type	FreeSync Premium Pro	<b>Weight &amp; dimensions</b>	
Game mode	✓	Width (with stand)	1174.8 mm

<b>Performance</b>		<b>Weight &amp; dimensions</b>	
Smart modes	Dynamic, Energy saving, Filmmaker, Graphics, Movie, Standard	Depth (with stand)	379 mm
Operating system installed	Tizen	Height (with stand)	1102 mm
<b>Multimedia</b>		Weight (with stand)	41.5 kg
Number of speakers	2	Width (without stand)	1174.8 mm
RMS rated power	60 W	Depth (without stand)	251 mm
Built-in speaker(s) *	✓	Height (without stand)	704.8 mm
Built-in camera *	✗	Weight (without stand)	21.1 kg
<b>Design</b>		<b>Packaging data</b>	
Market positioning *	Smart	Package width	1362 mm
Product colour *	Black	Package depth	317 mm
Feet colour	Black	Package height	922 mm
<b>Ports &amp; interfaces</b>		Package weight	57.1 kg
Built-in USB hub *	✓	<b>Packaging content</b>	
HDMI *	✓	Stand included	✓
HDMI ports quantity	3	Cables included	AC, HDMI
HDMI version	2.0/2.1	Remote control included	✓
DisplayPorts quantity	1	<b>Other features</b>	
DisplayPort version	1.4	TV Plus	✓
Headphone out *	✓	SmartThings app support	✓
Built-in KVM switch	✓	Works with Samsung Bixby	✓
HDCP	✓	Office 365 support	✓
HDCP version	2.2	Wireless Dex support	✓
<b>Network</b>		Tap view	✓
Wi-Fi	✓	Virtual assistant	Samsung Bixby
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Bluetooth	✓		



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date