

## Samsung G97NC computer monitor 139.7 cm (55") 3840 x 2160 pixels 4K Ultra HD LED Black

**Brand :** Samsung

**Product family:** Odyssey

**Product code:**  
LS55CG970NUXEN

**Product name :** G97NC

Samsung G97NC. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, 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, USB hub version: 2.0. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	139.7 cm (55")	Tilt adjustment	✓
Display resolution *	3840 x 2160 pixels	Tilt angle range	-10 - 10°
HD type *	4K Ultra HD	<b>Power</b>	
Native aspect ratio *	16:9	Energy efficiency class (SDR) *	G
Display technology *	LED	Energy efficiency class (HDR) *	G
Panel type *	VA	Energy consumption (SDR) per 1000 hours *	80 kWh
LED backlight	✓	Energy consumption (HDR) per 1000 hours *	162 kWh
Backlight type	Mini LED	Power consumption (typical) *	80 W
Touchscreen *	✗	Power consumption (standby) *	0.5 W
Display brightness (typical)	600 cd/m <sup>2</sup>	Power consumption (max)	140 W
Response time *	1 ms	AC input voltage	100 - 240 V
Response time measurement type	GTG (Gray to Gray)	AC input frequency	50/60 Hz
Screen shape *	Curved	Power supply type	Internal
Screen curvature rating	1000R	Energy efficiency scale	A to G
Contrast ratio (typical) *	1000000:1	European Product Registry for Energy Labelling (EPREL) code	1648820
Dynamic contrast ratio marketing name	Mega DCR	Annual energy consumption	117 kWh
Maximum refresh rate *	165 Hz	<b>Operational conditions</b>	
Viewing angle, horizontal	178°	Operating temperature (T-T)	0 - 40 °C
Viewing angle, vertical	178°	Operating relative humidity (H-H)	10 - 80%
Display number of colours *	1 billion colours	<b>Weight &amp; dimensions</b>	
Viewable size, horizontal	121 cm	Width (with stand)	1174.8 mm
Viewable size, vertical	68 cm	Depth (with stand)	379 mm
Display diagonal (metric)	138 cm	Height (with stand)	1102 mm
High Dynamic Range (HDR) supported	✓	Weight (with stand)	41.5 kg
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Quantum HDR 32+	Width (without stand)	1174.8 mm
Colour gamut standard	DCI-P3	Depth (without stand)	251 mm
Colour gamut	95%	Height (without stand)	704.8 mm
Quantum dot color technology	✓	Weight (without stand)	21.1 kg
<b>Performance</b>		<b>Packaging data</b>	
AMD FreeSync *	✓	Package width	1362 mm
AMD FreeSync type	FreeSync Premium Pro	Package depth	317 mm
Flicker-free technology	✓	Package height	922 mm

<b>Performance</b>		<b>Packaging data</b>	
Game mode	✓	Package weight	57.1 kg
Game features	Super Ultrawide GameView	<b>Packaging content</b>	
Smart modes	Filmmaker	Stand included	✓
Operating system installed	Tizen	Cables included	AC, HDMI
<b>Multimedia</b>		Remote control included	✓
RMS rated power	60 W	Power cable length	1.5 m
Built-in speaker(s) *	✓	<b>Sustainability</b>	
Adaptive Sound Control (ASC)	✓	Sustainability compliance	✓
Built-in camera *	✗	<b>Other features</b>	
<b>Design</b>		Sound mirroring	✓
Market positioning *	Consumer	Screen mirroring	✓
Product colour *	Black	TV Plus	✓
Colour name	Titan Black	SmartThings app support	✓
Front bezel colour	Black/Titan	Works with Samsung Bixby	✓
Feet colour	Black	Wireless Dex support	✓
<b>Ports &amp; interfaces</b>		Tap view	✓
Built-in USB hub *	✓	Virtual assistant	Amazon Alexa & Samsung Bixby
USB hub version	2.0	Universal guide	✓
One connect ports quantity	1	Multi View	✓
HDMI *	✓	Local dimming	✓
HDMI ports quantity	3	Local dimming zones	1056
HDMI version	2.0/2.1	Picture-by-Picture (PbP)	✓
DisplayPorts quantity	1	Miracast	✓
DisplayPort version	1.4	Wireless connection	✓
Ex-Link ports quantity	1	Smart TV	✓
Headphone out *	✓	Samsung Eye Saver Mode	✓
Headphone outputs	1	Video colour modes	Cinema, Dynamic, Eco, Entertain, Graphic, Standard
Built-in KVM switch	✓	Anynet + (HDMI-CEC)	✓
HDCP	✓	Image size	✓
HDCP version	2.2	Wireless display	✓
AC (power) in	✓	Factory tuning	✓
Digital audio optical out	1	Adaptive picture	✓
<b>Network</b>		Off Timer Plus	✓
Wi-Fi	✓	Smart calibration	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	NFT marketplaces	Nifty Gateway
Bluetooth	✓	Workspace	✓
Bluetooth version	5.2	Factory calibration report	✓
Ethernet LAN	✓	Virtual AIM point	✓
<b>Ergonomics</b>		Web service	Microsoft 365
VESA mounting *	✓	My contents	✓
Panel mounting interface	200 x 200 mm	Auto source switch+	✓
Height adjustment *	✓	Compliance certificates	UL
Height adjustment	27 cm	Certification	Windows 10
Pivot	✓		
Pivot angle	-90 - 90°		



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