Samsung 43" G70C UHD, Mini-LED, Smart 144Hz Odyssey Gaming Monitor

Brand : Samsung

Product family: Odyssey

Product code:
LS43CG700NUXXU

Product name : 43" G70C
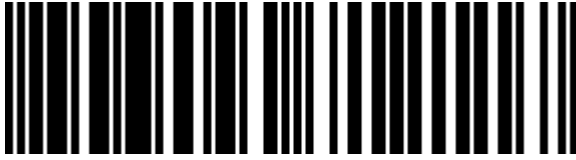UHD, Mini-LED, Smart 144Hz
Odyssey Gaming Monitor

- Screen: 3840x2160 Resolution, Mini-LED
- Technology: 144Hz Refresh Rate, 1ms MPRT Response Time, Smart TV Platform, Gaming Hub
- Connections: HDMI, DP, LAN, Speakers
- Great for: Serious Gaming, Immersive Viewing and Productivity
LS43CG700NUXXU
Samsung 43" G70C UHD, Mini-LED, Smart 144Hz Odyssey Gaming Monitor. Display diagonal: 109.2 cm
(43"), 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: 3.2 Gen 1 (3.1 Gen 1). VESA mounting. Product
colour: White

Display

Display diagonal *	109.2 cm (43")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	VA
Touchscreen *	✘
Display brightness (typical)	400 cd/m²
Display brightness (min)	300 cd/m²
Response time *	1 ms
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	4250:1
Contrast ratio (dynamic)	1000000:1
Dynamic contrast ratio marketing name	Mega DCR
Maximum refresh rate *	144 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1 billion colours
Viewable size, horizontal	94.1 cm
Viewable size, vertical	52.9 cm
Display diagonal (metric)	108 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10+ Gaming (HDR10 Plus Gaming)
Colour gamut	95%

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
Flicker-free technology	✔
Game mode	✔
Smart modes	Dynamic, Game, Movie, Standard
Operating system installed	Tizen

Network

Bluetooth version	5.2
Ethernet LAN	✔
Remotely operated	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	200 x 200 mm
Wall mountable	✔
Height adjustment *	✘
Tilt adjustment	✔
Tilt angle range	-2 - 20°

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	54 kWh
Energy consumption (HDR) per 1000 hours *	105 kWh
Power consumption (typical) *	54.4 W
Power consumption (standby) *	0.5 W
AC input voltage	100 - 240 V
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	1391322
Annual energy consumption	79 kWh

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 80%

Weight & dimensions

Width (with stand)	960.8 mm
Depth (with stand)	254.1 mm
Height (with stand)	635 mm
Weight (with stand)	11.7 kg
Width (without stand)	960.8 mm
Depth (without stand)	37.9 mm

Multimedia

RMS rated power	20 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	White
Front bezel colour	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	✔
HDCP version	2.2

Network

Wi-Fi	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	✔

Weight & dimensions

Height (without stand)	563.3 mm
Weight (without stand)	9.2 kg

Packaging data

Package width	1233 mm
Package depth	153 mm
Package height	667 mm
Package weight	161 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	DisplayPort, Power
Remote control included	✔
Power cable length	1.5 m

Other features

Brand specific technologies	Eye Care+
TV Plus	✔
SmartThings app support	✔
Works with Samsung Bixby	✔
Office 365 support	✔
Wireless Dex support	✔
Tap view	✔
Web browser	✔
Local dimming zones	1
Hardware calibration	✔
Power cord included	✔

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