

PRODUCT DATA SHEET



QOL-49CEUB
OLED Gaming Monitor

Gaming Monitor

Product Name : QOL-49CEUB

Product NO : GM-QOL-49CEUB-US

Product Position : OLED Gaming Monitor

SPECIFICATION

Size		49 inch
Model name		QOL-49CEUB
Opencell		SAMSUNG QMC490EA01-D01
LCD Panel	Display size	49"
	Brightness(Typical)	HDR 250 nits
	Color Gamut	DCI-P3 99%
	Contrast(Typical)	1500000:1
	Active Area(mm)	1196.7(H)x339.2(V)mm
	Pixel Pitch(mm)	0.233(H)x0.233(V)mm
	Resolution (H x V)	5120*1440
	Aspect Ratio	32:9
	Response Time(Typical)	GTG 0.03ms
	View Angles LR,UD(CR>10)	H 178°/ V 178°
	Panel Surface	AR.2H
	Display Colors	1.07B colors (10bit)
	Dual-Mode	NO
PC Input Range	Horizontal Freq.	TBC
	Vertical Freq.	TBC
	Max. display frequency (Resolution H*V/Fv)	5120*1440/240Hz

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Interface	Input 1	HDMI 2.1 x 2
	Input 2	DP 1.4 x 1
	Input 3	Type-C 90W x 1
	Input 4	DC IN x 1
	Input 5	USB Up Port x1
Output Terminal	USB	USB Down Port x2
	Earphone	Audio out x 1
	Speaker(Typic)	N/A
Power	Consumption(Typical)	On:<=264W Standby<=0.5W, Off<=0.3W
	Power Range	AC 100-240V 50/60Hz
	Power Mode Indicator Light	Power ON : White (LED) Power saving mode : White Flicker (LED)
Operating Condition	Temperature	0°C ~ 40°C
	Humidity	20% ~ 85%, non-condensing
Physical	Dimension (W*D*H)	1179*687.89*299.11mm 1179*370.65*169.49mm
	Packing Dimension (W*D*H)	1370*248*544mm
	Net Weight	8.65KG
	Gross Weight	13.9KG
	Tilt	-5°~20°
	High Adjustable Arm	110mm
	Swivel	5°
	Pivot	NO
	Kensington Lock	YES
	VESA Mounting	100 x 100mm

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Controls	Front Control	Menu, Left, Right Auto/Enter, Power
	On Screen Display	Standard OSD format
	Color	WARM,COOL, User Mode
	Preset Mode	Standard, Movie, Eye care,FPS,RTS
Accessory	Power Cable	YES (1.5M)
	Adapter	19V/3.42A
	VGA Cable	N/A
	Audio Cable	N/A
	DVI Cable	N/A
	HDMI-DVI Cable	N/A
	HDMI-HDMI Cable	1
	DP Cable	DP 1.4 (1.5M)
	User Manual(Paper)	YES
Green Product (Jan. 2009)		YES
HDMI Logo		YES
Certification		CE, FCC, BSMI, ECAS
Windows 10		YES
Others		HDR 10, PC99 function(must) Flicker-free,blue-free G-SYNC Comptible/Freesync(Adaptive sync)

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FEATURES

- Next-Gen QD-OLED Panel, The new generation Samsung QD-OLED panel delivers vibrant colors, pure blacks, and ultra-high contrast.
- Ultra-Wide Curved Display 49-inch, 1800R curvature, 32:9 aspect ratio — equivalent to the width of two 27-inch QHD monitors. Offers a fully immersive viewing experience.
- Dual QHD Resolution Native resolution of 5120 × 1440 (Dual QHD) ensures detailed, razor-sharp visuals and ample screen space for multitasking.
- Extreme Contrast Native contrast ratio close to 1,500,000:1, providing true OLED-level deep blacks for rich and accurate visuals.
- Lightning-Fast Performance 240Hz refresh rate and 0.03ms response time — optimized for competitive gaming and ultra-smooth motion.
- Professional-Grade Color Accuracy Covers up to 99% of the DCI-P3 color space, making it ideal for content creators and visual professionals.
- RGB Ambient Lighting Features dynamic RGB lighting that enhances immersion and synchronizes with your gameplay or media environment.

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ALL NEW TECH

49 inch QD-OLED

5120x1440 240Hz

0.03ms response time

Brightness: 250 nits



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AGE CROSSING TECHNOLOGICAL BREAKTHROUGH **Ultra-Wide Panel**

49-inch 32:9 curved display with an impressive 5120 × 1440 resolution, delivering ultra-clear visuals and an expansive sense of space.



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Display and Visual Performance

Extremely responsive with a 0.03ms response time and 240Hz refresh rate, ensuring ultra-smooth motion and minimal input lag. Nearly 1,500,000:1 contrast ratio, delivering true deep blacks for unmatched visual depth.



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GALLERY



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PACKAGING INFO

- Carton size (L x W x H) :
(L) x (W) x (H) 136.7x24.5x54.1cm
(L) x (W) x (H) 53.81x9.64x21.29inch
- Net weight : 10.25 kg
- Carton gross weight : 14.3 kg
- Cuft : 6.39
- PCS/Ctn : 1
- SN: GM-QOL-49CEUB-US
- EAN : 4711658546647
- UPC : 840480306649
- Package Contents: 49inch OLED Gaming Monitor X 1
Power Cable X 1
DP Cable X 1
HDMI Cable X 1
Warranty card X 1
Assembly & User Manual X 1

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- Part Number : GM-QOL-49CEUB-AU
- EAN : 4711658546609
- UPC : 840480306601

- Part Number : GM-QOL-49CEUB-EU
- EAN : 4711658546616
- UPC : 840480306618

- Part Number : GM-QOL-49CEUB-TW
- EAN : 4711658546623
- UPC : 840480306625

- Part Number : GM-QOL-49CEUB-UK
- EAN : 4711658546630
- UPC : 840480306632