SAMSUNG

Samsung Odyssey C49RG90SSP 124 cm (48.8") 5120 x 1440 pixels UltraWide Dual Quad HD LED Black

Brand : Samsung

Product family: Odyssey

Product code:
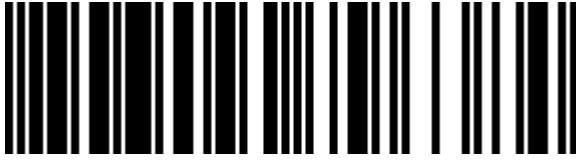LC49RG90SSPXXU

Product name : C49RG90SSP

- Screen: 5120x1440 Resolution, Curved 1800R, HDR, VA Panel
- Technology: 4MS Response Time, 120Hz Refresh Rate, FreeSync™
- Connections: HDMI, Display Port, USB-Hub, Headphone
- Great For: Gaming, Immersive Viewing and Productivity
48.8", 5120 x 1440 Dual QHD, VA, 32:9, HDR1000, HDMI, 2x DisplayPort, 4x USB, Headphone, Tilt/Height/Swivel, VESA, G/G
Samsung Odyssey C49RG90SSP. Display diagonal: 124 cm (48.8"), Display resolution: 5120 x 1440 pixels, HD type: UltraWide Dual Quad HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 2.0 / 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display

Display diagonal *	124 cm (48.8")
Display resolution *	5120 x 1440 pixels
HD type *	UltraWide Dual Quad HD
Native aspect ratio *	32:9
Display technology *	LED
Panel type *	VA
Touchscreen *	✗
Display brightness (peak)	1000 cd/m²
Display brightness (typical)	600 cd/m²
Response time	4 ms
Screen shape *	Curved
Screen curvature rating	1800R
Contrast ratio (typical) *	3000:1
Dynamic contrast ratio marketing name	Mega DCR
Maximum refresh rate *	120 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Viewable size, horizontal	119.3 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	123.9 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 1000
sRGB coverage (typical)	125%
NTSC coverage (typical)	88%
Adobe RGB coverage	92%

Performance

NVIDIA G-SYNC *	✗
AMD FreeSync *	✓
AMD FreeSync type	FreeSync
Brand specific technologies	Black Equalizer
Flicker-free technology	✓
Low Blue Light technology	✓

Ports & interfaces

DisplayPort version	1.4
Headphone out *	✓
Headphone outputs	1

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Wall mountable	✓
Cable lock slot *	✗
Height adjustment *	✓
Height adjustment	12 cm
Swivelling	✓
Swivel angle range	-15 - 15°
Tilt angle range	-2 - 15°
Tilt adjustment	✓

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	45 kWh
Energy consumption (HDR) per 1000 hours *	68 kWh
Power consumption (typical) *	45 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
Power supply type	Internal
Energy efficiency scale	A to G

Operational conditions

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

Packaging content

Stand included	✓
Cables included	AC, DisplayPort, HDMI, USB
Manual	✓

Performance

Low input lag	✔
Compatible operating systems	Windows 10

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	2

Packaging content

Power cable length	1.5 m

Weight & dimensions

Width (with stand)	1199.5 mm
Depth (with stand)	349.7 mm
Height (with stand)	523.1 mm
Weight (with stand)	14.6 kg
Width (without stand)	120 cm
Depth (without stand)	19.4 cm
Height (without stand)	36.9 cm
Weight (without stand)	11.6 kg

Packaging data

Package width	1327 mm
Package depth	497 mm
Package height	318 mm
Package weight	20.1 kg

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