

Model Number

LC49RG90SSNXZA

Screen Size (Inch)

49 inch

Flat/Curved

Curved

Resolution

5,120 x 1,440

Brightness (Typical)

600cd/m2

Brightness (Min)

600cd/m2

Dynamic Contrast Ratio

Mega DCR

HDR

Yes

sRGB Coverage

125%

Color Support

1.07B

Color Gamut (DCI Coverage)

0.95

Frame Rate

120Hz

Features**Easy Setting Box**

Yes

Wall-Mount (Size mm)

100.0 x 100.0

Samsung MagicBright

Yes

Flicker Free

Yes

Gaming

Yes

Off Timer Plus

Yes

Black Equalizer

Yes

Custom Key**Screen Size (Class)**

49

Display Type

Dual QHD Display

Curvature

1800R

Aspect Ratio

32:9

Peak Brightness (Typical)

1000cd/m2

Static Contrast Ratio

3,000:1(Typ)

Viewing Angle (Horizontal/Vertical)

178°(H)/178°(V)

Response Time

4(GTG)

Adobe RGB Coverage

92%(Typ.)

Color Gamut (NTSC 1976)

88%(Typ.)

Panel Type

VA

HAS(Height Adjustable Stand)

120.0 ± 5.0 mm

Windows Certification

Windows 10

Eye Saver Mode

Yes

Game Color Mode

Yes

Image Size

Yes

Screen Size Optimizer

Yes

Low Input Lag Mode

Yes

Refresh Rate Optimizor

YES

Super Arena Gaming UX

Yes

Refresh Rate

120Hz

Quantum Dot Color

Yes

Power

Type (Internal/External)

Internal Power

Power Consumption (Off Mode)

Less than 0.3

Dimensions (W x H x D)

Package Dimension

52.2 x 12.5 x 19.6 in

Set Dimension without Stand (WxHxD)

47.2 x 14.5 x 7.6 in

Weight

Package Weight

44.3 lbs

Set Weight without Stand

25.6 lbs

Accessories

Power Cable Length

1.5 m

Display Port Cable

Yes

USB 3.0 Cable

Yes

Inputs

Headphones

Yes

Display Port Version

1.4

USB Hub Version

3.0 2.0

Design

Color

CHARCOAL BLACK

Swivel

-15.0° (±2.0°) ~ +15.0° (±2.0°)

Wall Mount (Size mm)

Yes

Picture by Picture (PBP)

Yes

USB Super Charging

Yes

AMD FreeSync Premium Pro

Yes

Power Supply Type

AC 100~240V

Max Stand By Power (DPMS)

Less than 0.5

Set Dimension with Stand (WxHxD)

47.2 x 20.6 x 13.8 in

Set Weight with Stand

32.2 lbs

HDMI Cable

Yes

Quick Setup Guide

Yes

USB Ports

4

HDMI Version

2.0

Tilt

-2.0° (±2.0°) ~ +15.0° (±2.0°)

Stand Type

HAS

HAS (Height Adjustable Stand)

100.0 x 100.0

Calibration

120.0 ± 5.0 mm

Factory Tuning

Yes