
LG OLED55B9



GENERAL INFO

Type TV

Year 2019

Brand LG

Model Series B9

Model Code OLED55B9PLA

DISPLAY

Screen Size Class 55" (inches)

Diagonal Size 54.65 in

138.8 cm

1388 mm

4.55 ft

Screen Width 47.63 in

121 cm

1209.75 mm

3.97 ft

Screen Height 26.79 in

68 cm

680.483 mm

2.23 ft

Display Manufacturer LG Display

Display Type OLED

Display Bit Depth 10 bits

Frame Rate Control No
Max Number of Colors 1073741824
Bits 30
Screen Aspect Ratio 1.778:1
Screen Resolution 3840 x 2160
Screen Pixel Pitch 0.315 mm
Screen Pixel Density 81 ppi
Screen-to-Body Ratio 94.95 %
Screen Horizontal Viewing Angle
178 °
Screen Vertical Viewing Angle
178 °
HDR Dolby Vision
HDR10
HLG (Hybrid Log Gamma)
3D No

SIZE, WEIGHT, COLOR

Case Depth 1.85 in
4.7 cm
46.9 mm
0.15 ft
Case Weight 18.9 kg
42 lbs
Case Width with Stand 48.35 in
122.8 cm
1228 mm
4.03 ft
Case Height with Stand 29.29 in
74.4 cm
744 mm
2.44 ft
Case Depth with Stand 9.69 in
24.6 cm
246 mm
0.81 ft
Case Weight with Stand 19.9 kg
44 lbs
Case Color Black

HARDWARE

CPU Cores 4
GPU Cores 2
RAM Memory Size 3
Internal Storage 8
TV Tuner Analog (NTSC/PAL/SECAM)
DVB-T
DVB-T2
DVB-C

DVB-S

DVB-S2

Built-in Camera No

Network LAN

Wi-Fi

802.11a (IEEE 802.11a-1999)

802.11b (IEEE 802.11b-1999)

802.11g (IEEE 802.11g-2003)

802.11n (IEEE 802.11n-2009)

802.11n 5GHz

802.11ac (IEEE 802.11ac)

Wi-Fi Direct

DLNA

Bluetooth 5.0

Connectivity 4 x HDMI 2.1 (eARC; CEC)

1 x Satellite In (Main; F-type female)

1 x AV Composite In 3.5 mm jack

1 x Antenna (RF) (female)

1 x Optical Audio Out

1 x Satellite In (Sub; F-type female)

3 x USB 2.0

1 x CI+ 1.4

1 x Ethernet RJ45

AUDIO

Audio Speakers 2 x 10W

Built-in Subwoofer 2 x 10

FEATURES

OS webOS 4.5

Features PVR

ULTRA Luminance Pro

True Color Accuracy Pro

4K Upscaler

Perfect Black Panel

Oled Motion Pro

Quad Step Noise Reduction

Picture-at-Picture

Advanced Color Enhancer

Image Processor - α9 Gen 2 Intelligent Processor

Clear Voice III

Google Assistant

Object Depth Enhancer

Infinite Contrast

Pixel Level Dimming

Frequency Based Sharpness Enhancer

Voice command

SIMPLINK (HDMI CEC)

Auto Low Latency Mode

4-step noise reduction

LG ThinQ AI

HDCP (High-bandwidth Digital Content Protection) 2.2
4K Cinema HDR
HDR Dynamic Tone Mapping Pro

ERGONOMICS

Case Width 48.35 in

122.8 cm

1228 mm

4.03 ft

Case Height 27.8 in

70.6 cm

706 mm

2.32 ft

Vesa Mount Support Yes

VESA Interface Standard

Size

200 x 300

Removable VESA Stand Yes

Height Adjustment No

Landscape or Portrait

Pivot Support

No

Left or Right Swivel

Support

No

Forward and Backward Tilt

Support

No

FREQUENCY AND INTERPOLATION

Vertical Digital Frequency 120 Hz

POWER

220V 220 V - 240 V

AC Frequency 50 Hz - 60 Hz

Power Consumption in

Sleep Mode

0.5 W

Average Power

Consumption

107 W

Energy Class A

CERTIFICATES AND STANDARDS

Licenses ENERGY STAR

RoHS

UL/cUL