

55 Inch LG OLED evo AI C4 4K Smart TV 2024

OLED55C4PSA

Key Features

- a9 Gen7 AI Processor 4K
- Brightness Booster
- OLED Care



All Spec

PICTURE (DISPLAY)

Display Type
4K OLED

Refresh Rate
120Hz Native

Display Resolution
4K Ultra HD (3,840 x 2,160)

Wide Color Gamut
OLED Color

PICTURE (PROCESSING)

Picture Processor
a9 AI Processor 4K Gen7

Dynamic Tone Mapping
Yes (OLED Dynamic Tone Mapping Pro)

AI Brightness Control
Yes

FILMMAKER MODE™
Yes

Motion
OLED Motion

AI Upscaling
a9 AI Super Upscaling 4K

AI Genre Selection
Yes (SDR/HDR)

HDR (High Dynamic Range)
Dolby Vision / HDR10 / HLG

Dimming Technology
Pixel Dimming

Picture Mode
10 modes (Personalized Picture Wizard, Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

HFR (High Frame Rate)
4K 120 fps (HDMI, USB)

GAMING

G-Sync Compatible (Nvidia)

Yes

HGIG Mode

Yes

ALLM (Auto Low Latency Mode)

Yes

FreeSync Compatible (AMD)

Yes

Game Optimizer

Yes (Game Dashboard)

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

ACCESSIBILITY

High Contrast

Yes

Gray Scale

Yes

Invert Colors

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)

1222 x 703 x 45.1

TV Dimensions with Stand (WxHxD, mm)

1222 x 757 x 230

Packaging Dimensions (WxHxD, mm)

1360 x 810 x 187

TV Stand (WxD, mm)

470 x 230

TV Weight without Stand (kg)

14.1

TV Weight with Stand (kg)

16.0

Packaging Weight (kg)

21.3

VESA Mounting (WxH, mm)

300 x 200

AUDIO

Dolby Atmos

Yes

AI Sound

a9 AI Sound Pro (Virtual 9.1.2 Up-mix)

Clear Voice Pro

Yes (Auto Volume Leveling)

WiSA Ready

Yes (Up to 2.1 Channel)

LG Sound Sync

Yes

Sound Mode Share

Yes

Simultaneous Audio Output

Yes

Bluetooth Surround Ready

Yes (2 Way Playback)

Audio Output

40W

Speaker Direction

Down Firing

Audio Codec

Speaker System

2.2 channel

AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

AI Acoustic Tuning
Yes

CONNECTIVITY

HDMI Audio Return Channel
eARC (HDMI 2)

Ethernet Input
1ea

SPDIF (Optical Digital Audio Out)
1ea

RF Input (Antenna/Cable)
2ea

Wi-Fi
Yes (Wi-Fi 5)

Bluetooth Support
Yes (v 5.1)

Simplink (HDMI CEC)
Yes

HDMI Input
4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))

USB Input
3ea (v 2.0)

SMART TV

Operating System (OS)
webOS 24

ThinQ
Yes

Hands-free Voice Control
Yes

Always Ready
Yes

Smartphone Remote App
Yes (LG ThinQ)

Multi View
Yes

Family Settings
Yes

USB Camera Compatible
Yes

Room to Room Share
Yes (Sender/Receiver)

Intelligent Voice Recognition
Yes

Magic Remote Control
Built-In

Full Web Browser
Yes

POWER

Power Supply (Voltage, Hz)
AC 100~240V 50-60Hz

Standby Power Consumption
Under 0.5W

ACCESSORIES INCLUDED

Remote

Magic Remote MR24

IR Blaster Cable

Yes

Remote Control Batteries

Yes (AA x 2EA)

Power Cable

Yes (Attached)