

65 Inch LG OLED evo AI C5 4K Smart TV 2025

OLED65C5PSA

Key Features

- 4K picture quality, upscaled visual and surround sound from the alpha 9 AI Processor Gen8
- True black levels in every pixel create stunning contrast, depth, and detail
- 100% Color Fidelity for accurate lifelike colors. 100% Color Volume for richer hues



All Spec

PICTURE (DISPLAY)

Display Type

4K OLED

Refresh Rate

120Hz Native (VRR 144Hz)

Display Resolution

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

Wide Color Gamut

OLED Color

PICTURE (PROCESSING)

Picture Processor

α9 AI Processor 4K Gen8

Dynamic Tone Mapping

Yes (OLED Dynamic Tone Mapping Pro)

AI Brightness Control

Yes

FILMMAKER MODE™

Yes

Motion

OLED Motion

HFR (High Frame Rate)

4K 120 fps (HDMI, USB)

Auto Calibration

Yes

AI Upscaling

α9 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

AI Picture Pro

Yes

QMS (Quick Media Switching)

Yes

GAMING

G-Sync Compatible (Nvidia)

Yes

HGIG Mode

Yes

ALLM (Auto Low Latency Mode)

Yes

Dolby Vision for Gaming (4K 120Hz)

Yes

FreeSync Compatible (AMD)

Yes

Game Optimizer

Yes (Game Dashboard)

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

Response Time

Less than 0.1ms

ACCESSIBILITY

High Contrast

Yes

Gray Scale

Yes

Invert Colors

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)

1441 x 826 x 45.1

TV Dimensions with Stand (WxHxD, mm)

1441 x 880 x 230

Packaging Dimensions (WxHxD, mm)

1600 x 950 x 200

TV Stand (WxD, mm)

470 x 230

TV Weight without Stand (kg)

16.6

TV Weight with Stand (kg)

18.5

Packaging Weight (kg)

26.4

VESA Mounting (WxH, mm)

300 x 200

AUDIO

Dolby Atmos

Yes

AI Sound

α9 AI Sound Pro (Virtual 11.1.2 Up-mix)

Clear Voice Pro

Yes (AI Voice Remastering)

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

AI Acoustic Tuning

40W	Yes
Audio Codec	Speaker Direction
AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)	Down Firing
Speaker System	WOW Orchestra
2.2 channel	Yes

CONNECTIVITY

HDMI Audio Return Channel	Bluetooth Support
eARC (HDMI 2)	Yes (v 5.3)
Ethernet Input	Simplink (HDMI CEC)
1ea	Yes
SPDIF (Optical Digital Audio Out)	HDMI Input
1ea	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
RF Input (Antenna/Cable)	USB Input
1ea	3ea (v 2.0)
Wi-Fi	
Yes (Wi-Fi 6)	

SMART TV

Operating System (OS)	USB Camera Compatible
webOS 25	Yes
AI Chatbot	Always Ready
Yes	Yes
Full Web Browser	Google Cast
Yes	Yes
Google Home / Hub	Hands-free Voice Control
Yes	Yes
Home Hub	Intelligent Voice Recognition
Yes	Yes
Magic Remote Control	Multi View
Built-In	Yes
Smartphone Remote App	Voice ID
Yes (LG ThinQ)	Yes
Works with Apple Airplay	Works with Apple Home
Yes	Yes

POWER

Power Supply (Voltage, Hz)

AC 100~240V 50-60Hz

Standby Power Consumption

Under 0.5W

ACCESSORIES INCLUDED

Remote

Magic Remote MR25

Power Cable

Yes (Attached)

BROADCASTING

Analog TV Reception

Yes

Digital TV Reception

DVB-T2/T (Terrestrial), DVB-C (Cable) /
ISDB-T (Terrestrial, only Philippines)