

65 inch LG OLED evo AI TV C5 144Hz Gaming Mode* Dolby Vision & HDR10 4K UHD (2025)

OLED65C5PSA

Key Features

- The next generation of LG AI TV with 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
- Brighter visuals with Brightness Booster
- New AI button, voice controls, drag and drop functions on the AI Magic Remote
- Ultra Slim Design with incredibly narrow bezels



All Spec

PICTURE (DISPLAY)

Display Type	Display Resolution
4K OLED	4K Ultra HD (3,840 x 2,160)
Refresh Rate	Wide Color Gamut
120Hz Native (VRR 144Hz)	OLED Color

PICTURE (PROCESSING)

Picture Processor	AI Upscaling
α9 AI Processor 4K Gen8	α9 AI Super Upscaling 4K
Dynamic Tone Mapping	AI Genre Selection
Yes (OLED Dynamic Tone Mapping Pro)	Yes (SDR/HDR)
AI Brightness Control	HDR (High Dynamic Range)
Yes	Dolby Vision / HDR10 / HLG
FILMMAKER MODE™	Dimming Technology
Yes	Pixel Dimming
Motion	Picture Mode
OLED Motion	10 modes
HFR (High Frame Rate)	AI Picture Pro
4K 120 fps (HDMI, USB)	Yes
Auto Calibration	QMS (Quick Media Switching)
Yes	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
Invert Colors
Yes

Gray Scale
Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)
1441 x 826 x 45.1
Packaging Dimensions (WxHxD, mm)
1600 x 950 x 200
TV Weight without Stand (kg)
16.6
Packaging Weight (kg)
26.4

TV Dimensions with Stand (WxHxD, mm)
1441 x 880 x 230
TV Stand (WxD, mm)
470 x 230
TV Weight with Stand (kg)
18.5
VESA Mounting (WxH, mm)
300 x 200

AUDIO

Dolby Atmos
Yes
Clear Voice Pro
Yes (AI Voice Remastering)
LG Sound Sync
Yes
Simultaneous Audio Output
Yes
Audio Output
40W
Audio Codec
AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
Speaker System

AI Sound
a9 AI Sound Pro (Virtual 11.1.2 Up-mix)
WiSA Ready
Yes (Up to 2.1 Channel)
Sound Mode Share
Yes
Bluetooth Surround Ready
Yes (2 Way Playback)
AI Acoustic Tuning
Yes
Speaker Direction
Down Firing
WOW Orchestra

CONNECTIVITY

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

SMART TV

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

POWER

Power Supply (Voltage, Hz) AC 100~240V 50-60Hz	Standby Power Consumption Under 0.5W
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ACCESSORIES INCLUDED

Remote Magic Remote MR25	Power Cable Yes (Attached)
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BROADCASTING

Analog TV Reception
Yes

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