



55 Inch LG OLED evo AI C6 4K Smart TV 2026

OLED55C6PUA

Key Features

- Brighter visuals, vivid detail with Brightness Booster powered by alpha 11 AI Processor Gen3
- Perfect Black and Perfect Colour ensures deeper contrast and vivid, accurate colour in any light.
- Up to 165Hz in 4K with G-SYNC compatibility and FreeSync Premium for tear-free and winning gameplay



All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand	Packaging Dimensions (WxHxD)	Packaging Weight (Overseas)	TV Dimensions without Stand (WxHxD)
15.9	1360 x 810 x 187	21.2	1222 x 703 x 45.1
TV Dimensions with Stand (WxHxD)	TV Stand (WxD)	TV Weight without Stand	VESA Mounting (WxH)
1222 x 757 x 230	470 x 230	14.1	300 x 200

ACCESSIBILITY

Gray Scale	High Contrast	Invert Colors
Yes	Yes	Yes

ACCESSORIES INCLUDED

Power Cable	Remote
Yes (Attached)	AI Magic Remote MR26

AUDIO

AI Sound	Adaptive Acoustic Tuning	Audio Codec	Audio Output
α11 AI Sound Pro (Virtual 11.1.2 Up-mix)	Yes	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)	40W
Clear Voice Pro	Dolby Atmos	LG Sound Sync	Simultaneous Audio Output
Yes (AI Object Remastering Ultra)	Yes	Yes	Yes
Sound Mode Share	Speaker Direction	Speaker System	WOW Orchestra
Yes	Down Firing	2.2 channel	Yes

BASIC INFORMATION

Year of release
Definable Spec Only in LG.COM

BROADCASTING

Analog TV Reception	Digital TV Reception
Yes	ATSC1.0 (Terrestrial), QAM (Cable)

CONNECTIVITY

Bluetooth Support	Ethernet Input	HDMI Audio Return Channel	HDMI Input
Yes (v 5.3)	1ea	eARC (HDMI 2)	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT)

RF Input (Antenna/Cable)	Simplink (HDMI CEC)	SPDIF (Optical Digital Audio Out)	USB Input
Yes	Yes	Yes	Yes (v 2.0)
Wi-Fi			
Yes (Wi-Fi 5)			

GAMING

Game Optimizer	ALLM (Auto Low Latency Mode)	Dolby Vision for Gaming (4K 120Hz)	FreeSync Compatible (AMD)
Yes (Game Dashboard)	Yes	Yes	Yes
G-Sync Compatible (Nvidia)	HGIG Mode	Response Time	120Hz Native (VRR 120Hz)
Yes	Yes	Less than 0.1ms	Yes (Up to 165Hz)

PICTURE (DISPLAY)

Display Resolution	Display Type	Refresh Rate	Wide Color Gamut
4K Ultra HD (3,840 x 2,160)	4K OLED	120Hz Native (VRR 165Hz)	Perfect Color

PICTURE (PROCESSING)

AI Upscaling	AI Genre Selection	AI HDR Remastering	AI Picture Pro
α11 AI Super Upscaling 4K	Yes (SDR/HDR)	Yes	Yes
Auto Brightness Control	Auto Calibration	Dimming Technology	Dynamic Tone Mapping
Yes	Yes	Pixel Dimming	Yes (Dynamic Tone Mapping Ultra)
FILMMAKER MODE™	HDR (High Dynamic Range)	HFR (High Frame Rate)	Motion
Yes	Dolby Vision / HDR10 / HLG	4K 120 fps (HDMI, USB)	OLED Motion
Picture Mode	Picture Processor	QFT (Quick Frame Transport)	QMS (Quick Media Switching)
9 modes	α11 AI Processor 4K Gen3	Yes	Yes

POWER

Power Supply (Voltage, Hz)	Standby Power Consumption
AC 120V, 50/60Hz	Under 0.5W

SMART TV

AI Chatbot	AI Magic Remote	AI Voice ID	Always Ready
Yes	Built-In	Yes	Yes
Full Web Browser	Google Cast	Hands-free Voice Control	Yes (LG ThinQ)
Yes	Yes	Yes	Yes (LG ThinQ)
Intelligent Voice Recognition	LG Channels	LG Shield	Multi View
Yes	Yes	Yes	Yes
My Page	Operating System (OS)	Smartphone Remote App	USB Camera Compatible
Yes	webOS 26	Yes (LG ThinQ)	Yes
Works with Apple Airplay	Works with Apple Home		
Yes	Yes		