



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

OLED77C6HUP

Key Features

- Hyper Radiant Colour Tech, a next-gen OLED technology for a new level of picture quality
- X3.2 higher peak brightness with alpha 11 AI Processor Gen3, for vivid highlights and detail
- Perfect Black and Perfect Colour ensures deeper contrast and vivid, accurate colour in any light.



All Spec

ACCESSIBILITY

Gray Scale	High Contrast	Invert Colors
Yes	Yes	Yes

ACCESSORIES INCLUDED

Power Cable	Remote
Yes (Attached)	AI Magic Remote MR26

AUDIO

AI Sound	Audio Codec	Audio Output	Clear Voice Pro
α11 AI Sound Pro (Virtual 11.1.2 Up-mix)	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)	40W	Yes (AI Object Remastering Ultra)
Dolby Atmos	LG Sound Sync	Simultaneous Audio Output	Sound Mode Share
Yes	Yes	Yes	Yes
Speaker Direction	Speaker System	WOW Orchestra	
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
1ea	Yes	1ea	2ea (v 2.0)
Wi-Fi			
Yes (Wi-Fi 5)			

GAMING

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

PICTURE (DISPLAY)

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

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

POWER

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

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