

55 Inch LG OLED evo AI G6 4K Smart TV 2026

OLED55G6WUA

Key Features

- Hyper Radiant Colour Tech, a next-gen OLED technology for a new level of picture quality
- X3.9 higher peak brightness with alpha 11 AI Processor Gen3, for vivid highlights and detail
- Perfect Black and Perfect Colour with Reflection Free Premium ensures deeper contrast and vivid, accurate colour in any light



All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand 22.1	Packaging Dimensions (WxHxD) 1360 x 810 x 172	Packaging Weight (Overseas) 27.1	TV Dimensions without Stand (WxHxD) 1222 x 703 x 27.2
TV Dimensions with Stand (WxHxD) 1222 x 742/787 x 263	TV Stand (WxD) 485 x 263	TV Weight without Stand 16.8	VESA Mounting (WxH) 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	Audio Codec	Audio Output	Clear Voice Pro
α11 AI Sound Pro (Virtual 11.1.2 Up-	AC4, AC3(Dolby Digital), EAC3, HE-	60W	Yes (AI Object Remastering Ultra)

mix)	AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)		
Dolby Atmos Yes	LG Sound Sync Yes	Simultaneous Audio Output Yes	Sound Mode Share Yes
Speaker Direction Down Firing	Speaker System 4.2 channel	WOW Orchestra Yes	

BASIC INFORMATION

Year of release
Definable Spec Only
in LG.COM

BROADCASTING

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

Bluetooth Support Yes (v 5.3)	Ethernet Input 1ea	HDMI Audio Return Channel eARC (HDMI 2)	HDMI Input 4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT)
RF Input (Antenna/Cable) 1ea	Simplink (HDMI CEC) Yes	SPDIF (Optical Digital Audio Out) 1ea	USB Input 3ea (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	Display Type	Refresh Rate	Wide Color Gamut
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4K Ultra HD (3,840 x 2,160)	4K OLED	120Hz Native (VRR 165Hz)	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		