



* All the G5 series come with wall-mount bracket, not stand.



* Class size: See below for details.

Mind-blowing picture. Head-turning design.
Next-level AI. Our best and brightest OLED ever.

Introducing the all-new LG OLED evo G5 with next-gen AI for a smarter personalized experience and witness bright-room ready picture. Powered by 8.3 million self-lit smart pixels, the G5 produces up to 45% brighter images,* for luminous, high-contrast picture quality, that is both glare and reflection free. All while still delivering perfect black and perfect color you expect from LG.

*Based on LG internal testing: 83/77/65/55" LG OLED evo G5 models with Brightness Booster Ultimate are 45% brighter than the OLED evo G4.

- World's No. 1 OLED
- Brightness Booster Ultimate (available in 83/77/65/55", Brightness Booster Max is available in 97")
- Bright Room Ready
- Alpha 11 AI Processor Gen2
- Perfect Black & Perfect Color (8.3 million self-lit pixels)

Key Benefits

WORLD'S NO. 1 OLED TV BRAND

Celebrating 12 years of perfecting award-winning OLED TV technology.*

*Source: Omdia. Unit shipments, 2013-2024. Results are not an endorsement of LG Electronics. Any reliance on these results is at the third-party's own risk. Visit <https://www.ondia.com/> for more details.

BASK IN THE GLOW OF OUR BRIGHTEST OLED YET

LG's brightest, most vivid OLED evo, is 45% brighter than its predecessor* thanks to LG's exclusive breakthrough technology, Brightness Booster Ultimate. The result is luminous picture that makes every detail shine — only from LG.

*Based on LG internal testing: 83/77/65/55" LG OLED evo G5 models with Brightness Booster Ultimate are 45% brighter than the OLED evo G4.

BRIGHT ROOM READY

Verified by UL for Discomfort Glare Free (UGR less than 22), you can be confident your LG OLED TV performs great no matter the room or the lighting. With LG OLED you still experience perfect black that delivers stunning picture other brands just can't match.

THE PEAK WATCHING EXPERIENCE FROM OUR FASTEST NEXT GEN PROCESSOR

Enjoy personalized, crisp picture and sound no matter what you watch with AI Picture Pro and AI Super Upscaling*. Find and choose what to watch fast and without lag. See movies in perfect tone with AI Director Processing. These elements and more make up the peak LG OLED watching experience, powered by LG's one-of-a-kind processor, the Alpha 11 AI Processor Gen2

*Image quality of upscaled content will vary based on source resolution.

PERFECT BLACK & PERFECT COLOR

LG's flagship OLED technology creates an incredible watching experience and stellar picture quality with Perfect Black and Perfect Color technology on over 8.3 million self-lit smart pixels, even in bright rooms.*

*Verified by UL Solutions for Perfect Black technology delivering black levels $\leq 0.24\text{nit}$ up to 500lux and Perfect Color technology delivers color consistency levels $>99\%$ up to 500lux.



Specifications

PICTURE (PANEL)

Display Type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Brightness Booster	97": Brightness Booster Max 83, 77, 65, 55": Brightness Booster Ultimate
Refresh Rate	120Hz Native (VRR 165Hz, VRR 120Hz for 97")
Perfect Black	Yes
Wide Color Gamut	OLED Color

PICTURE (PROCESSING)

Picture Processor	α11 AI Processor 4K Gen2
AI Picture	Yes
AI Upscaling	α11 AI Super Upscaling 4K
AI Genre Selection	Yes (SDR/HDR)
AI Brightness Control	Yes
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)
HDR (High Dynamic Range)	Dolby Vision / HDR10 / HLG
Dolby Vision	Yes
FILMMAKER MODE™	Yes
Dimming Technology	Pixel Dimming
Motion	OLED Motion

GAMING

Game Optimizer	Yes (Game Dashboard)
G-Sync Compatible (Nvidia)	Yes
FreeSync Compatible (AMD)	Yes
VRR (Variable Refresh Rate)	Yes (Up to 165Hz, 120Hz for 97")
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes
Response Time	Less than 0.1ms

SMART TV

Operating System (OS)	webOS 25
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Home Hub	Yes
Amazon Alexa (Built-in)	Yes (Built-in)
Works with Amazon Alexa	Yes
Works with Hey Google	Yes
Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Google Cast built-in	Yes
Hands-free Voice Control	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Multi View	Yes (Up to 4 views)
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Sports	Yes

Matter	Yes
AI Concierge	Yes
AI Search	Yes
AI Chatbot	Yes
Voice ID	Yes
Copilot	Yes
Generative AI	Yes
Content Partners	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more

AUDIO

Speaker System	4.2 channel
Speaker Direction	Down Firing
Dolby Atmos	Yes
AI Sound	α11 AI Sound Pro (Virtual 11.1.2 Up-mix)
Clear Voice Pro	Yes (AI Object Remastering)
WiSA Ready	Yes (Up to 2.1 Channel)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
LG Sound Sync	Yes
Sound Mode Share	Yes
Bluetooth Surround Ready	Yes (2 Way Playback)
WOW Orchestra	Yes
Simultaneous Audio Output	Yes

CONNECTIVITY

Wi-Fi Standard	Yes (Wi-Fi 6E)
Bluetooth Support	Yes (v 5.3)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC1.0 (Terrestrial), QAM (Cable)
Smartphone Remote App	Yes (LG ThinQ)
HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	3ea (v 2.0)
RF Input (Antenna/Cable)	1ea
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea
SPDIF (Optical Digital Audio Out)	1ea
Headphone output	1ea: 48", 42" Only

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	97": 300 W 83": 229.1W 77": 195.1W 65": 148.4 W 55": 125 W
Annual Power Consumption	97": 550 kWh/y 83": 421 kWh/y 77": 359 kWh/y 65": 274 kWh/y 55": 231 kWh/y



Specifications

OLED97G5WUA (97.4" DIAGONAL) DIMENTIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	84.8" x 64.1" x 22.8"
TV Dimensions without Stand (WxHxD)	84.8" x 48.4" x 1.1"
Shipping Dimensions (WxHxD)	93.1" x 60.2" x 13.2"
Stand Width (Optional stand, sold separately)	65.3"
TV Weight with Stand (Optional stand, sold separately)	141.1 lbs
TV Weight without Stand	125.7 lbs
Shipping Weight	209.4 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174106358

OLED83G5WUA (83.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	72.7" x 43.9" x 12.6"
TV Dimensions without Stand (WxHxD)	72.7" x 41.6" x 1.1"
Shipping Dimensions (WxHxD)	80.7" x 47.6" x 10.0"
Stand Width (Optional stand, sold separately)	19.7"
TV Weight with Stand (Optional stand, sold separately)	99.0 lbs
TV Weight without Stand	86.0 lbs
Shipping Weight	119.9 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174106303

OLED77G5WUA (77.4" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	67.4" x 40.9" x 12.6"
TV Dimensions without Stand (WxHxD)	67.4" x 38.7" x 1.0"
Shipping Dimensions (WxHxD)	74.0" x 44.5" x 9.0"
Stand Width (Optional stand, sold separately)	19.7"
TV Weight with Stand (Optional stand, sold separately)	87.1 lbs
TV Weight without Stand	74.1 lbs
Shipping Weight	100.5 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174106198

OLED65G5WUA (65.1" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	56.7" x Position 1 = 36"/ Position 2 = 34" x 10.4"
TV Dimensions without Stand (WxHxD)	56.7" x 32.5" x 1.0"
Shipping Dimensions (WxHxD)	63.0" x 38.2" x 7.4"
Stand Width (Optional stand, sold separately)	19.1"
TV Weight with Stand	58.6 lbs
TV Weight without Stand	48.5 lbs
Shipping Weight	77.4 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174113721

OLED55G5WUA (55.2" DIAGONAL) DIMENTIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	48.1" x Position 1 = 31"/Position 2 = 29" x 10.4"
TV Dimensions without Stand (WxHxD)	48.1" x 27.7" x 1.1"
Shipping Dimensions (WxHxD)	55.9" x 32.9" x 7.4"
Stand Width (Optional stand, sold separately)	19.1"
TV Weight with Stand	48.7 lbs
TV Weight without Stand	37.0 lbs
Shipping Weight	61.1 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174103968

ACCESSORIES INCLUDED

Stand	No
Wall Mount	Yes
Remote	Magic Remote MR25
Remote Control Battery	Yes (AAA x 2EA)
Power Cable	Yes (Attached)
IR Blaster	Yes
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	97": SQ-G2DT97 83/77": ST-G4WR8377 65": SA-G5SN65 55": SA-G5SN55
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WARRANTY

Limited Warranty	1 Year Parts & Labor *5 Year Panel
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*In the 1st year of the limited warranty, panel, parts and labor costs are covered. In the 2nd year of the limited warranty, only panel is covered; labor will be charged. The 5-year limited panel warranty is available for the OLED M/G5 Series.