



* 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 |
|-------|---|

WARRANTY

| | |
|------------------|---------------------------------------|
| Limited Warranty | 1 Year Parts & Labor *5 Year Panel |
|------------------|---------------------------------------|

*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.