



* 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 G6 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 G6 produces up to 3.9X 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.

*Performance results based on LG internal testing of the LG a11 Processor Gen3 vs. the LG a8 Processor Gen3. LG a8 Processor Gen3 available on the OLED B6 Series.

- Hyper Radiant Color Tech
- Brightness Booster Ultra (available in 83/77/65/55\", Brightness Booster is available in 97\")
- Perfect Black & Perfect Color
- a11 AI Processor 4K Gen3
- Reflection Free Premium

Key Benefits

HYPER RADIANT COLOR TECH

LG Hyper Radiant delivers the ultimate in picture quality, combining Brightness Booster Technology, Perfect Black, and Perfect Color*—all powered by the advanced AI Processor with Dual AI Engine. The result is LG’s best picture quality ever, bringing movies, sports, and games to life with stunning realism, depth, and vibrancy.

From dazzling highlights to deep, true blacks, every scene looks richer, sharper, and more lifelike—so you see content exactly the way it was meant to be seen.

BRIGHTNESS BOOSTER ULTRA

LG’s brightest, most vivid OLED ever, is 3.9x brighter* than conventional OLED TVs thanks to LG’s exclusive breakthrough technology, Brightness Booster Ultra. The result is luminous picture that makes every detail shine — only from LG.

*Performance results based on LG internal testing of the LG a11 Processor Gen3 vs. the LG a8 Processor Gen3. LG a8 Processor Gen3 available on the OLED B6 Series.

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 ≤ 0.24 nit up to 500lux and Perfect Color technology delivers color consistency levels >99% up to 500lux.

OUR MOST POWERFUL & FASTEST NEXT GEN PROCESSOR WITH DUAL AI ENGINE

- Find and choose what to watch fast and without lag. See movies in perfected tone with AI Director Processing. Performance improvements when compared to LG a8 Processor Gen3.
- 5.6x Greater AI Neural Processing
 - 50% Faster Operation
 - 70% Improved Graphics

*Performance results based on LG internal testing of the LG a11 Processor Gen3 vs. the LG a9 AI Processor Gen8.wall. Wall mount included, stand not included.

REFLECTION FREE PREMIUM

LG OLED TVs with Reflection Free Premium technology minimizes screen reflections so you can enjoy a clear, immersive picture—even in bright rooms. By reducing glare from windows and lights, the screen maintains Perfect Black and Perfect Color*, plus sharp details, letting you stay focused on what’s on screen—not what’s around it. Reflection Free Certified that goes beyond Anti-Glare.

Specifications

PICTURE (PANEL)

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

PICTURE (PROCESSING)

Picture Processor	α11 AI Processor 4K Gen3
AI Picture	Yes
AI Upscaling	α11 AI Super Upscaling 4K
AI Genre Selection	Yes (SDR/HDR)
AI Brightness Control	Yes
Dynamic Tone Mapping	Yes (Dynamic Tone Mapping Ultra)
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 26
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Home Hub	Yes (Google Home, LG ThinQ(Homey)-USA, LG ThinQ-Canada))
Works with Hey Google	Yes
Works with Apple Home	Yes
Works with Apple Airplay	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
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Games Service	Yes
Music Service	Yes
Sports	Yes
Matter	Yes
AI Concierge	Yes

AI Chatbot	Yes
AI Voice ID	Yes
Copilot	Yes
Generative AI Image	Yes
Content Partners	Netflix, HBO Max, Disney+, YouTube, Prime Video, ESPN, Apple TV and more
LG Link	Yes
LG Shield	Yes

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 Ultra)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)
LG Sound Sync	Yes
Sound Mode Share	Yes
Bluetooth Surround Ready	Yes (1 Way Playback)
WOW Orchestra	Yes
Simultaneous Audio Output	Yes

CONNECTIVITY

Wi-Fi Standard	Yes (Wi-Fi 5)
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, QFT)
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

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	97": 280.5 W
	83": 217 W
	77": 176.8 W
	65": 144.1 W
Annual Power Consumption	97": 515 kWh/y
	83": 399 kWh/y
	77": 325 kWh/y
	65": 266 kWh/y
55": 116.4 W	
Energy saving Mode	Yes
ENERGY STAR® Qualified	83, 77, 65, 55": Yes

Specifications

OLED97G6WUA.AUS (97.4" DIAGONAL) DIMENSIONS/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	213.8 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174139912

OLED83G6WUA.AUS (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)	96.8 lbs
TV Weight without Stand	82.0 lbs
Shipping Weight	116.0
VESA Mounting (W x H)	400 x 400
UPC	195174140611

OLED77G6WUA.AUS (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)	87.5 lbs
TV Weight without Stand	72.8 lbs
Shipping Weight	117.5 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174137833

OLED65G6WUA.AUS (65.1" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	56.7" x Position 1 = 34"/ Position 2 = 35.8" x 10.4"
TV Dimensions without Stand (WxHxD)	56.7" x 32.5" x 1.0"
Shipping Dimensions (WxHxD)	63" x 38.2" x 6.8"
Stand Width (Optional stand, sold separately)	19.1"
TV Weight with Stand	60.2 lbs
TV Weight without Stand	48.5 lbs
Shipping Weight	75.2 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174137628

OLED55G6WUA.AUS (55.2" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately)	48.1" x Position 1 = 29.2"/Position 2 = 30.9" x 10.4"
TV Dimensions without Stand (WxHxD)	48.1" x 27.7" x 1.1"
Shipping Dimensions (WxHxD)	53.5" x 31.9" x 6.8"
Stand Width (Optional stand, sold separately)	19.1"
TV Weight with Stand	48.7 lbs
TV Weight without Stand	37.0 lbs
Shipping Weight	59.7 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174137789

ACCESSORIES INCLUDED

Stand	-
Wall Mount	Yes
Remote	AI Magic Remote MR26
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
Wall Mount	97": WB24GDB 83/77/65": WB24GCB 55": OLW480B

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 W6/G6 Series.