



83" 77"

* Class size: See below for details.

LG's Most Popular Selling OLED TV.

The advanced LG OLED evo C6 Series is better than ever. Powered by the next-gen Alpha 11 AI Processor Gen3 for a smarter, more personalized experience, and Bright Room Ready with Perfect Black and Perfect Color.

- Hyper Radiant Color Tech
- Brightness Booster Pro
- Perfect Black & Perfect Color
- a11 AI Processor 4K Gen3
- Dolby Vision®, Dolby Atmos® & FILMMAKER MODE™

Member Value

- **WIFI 6E**
The Smooth and Fast Streaming Experience, Low Latency, and Ultra-fast Speeds
- **Metallic Magic Remote**
Sleek metallic design with point, click, scroll, and AI voice control
- **Precision HDR Master Pro**
Enhances video frame-by-frame for sharper contrast and vivid colors. SDR content remastered to HDR-like, HDR to stunning.
- **Precision Sound Master Pro**
Enjoy crystal-clear dialogue and immersive surround sound, automatically adjusted to match your content.

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 a11 AI Processor. 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 PRO

The LG OLED evo shines up to 3.2x brighter* with Brightness Booster Pro technology which magnifies each individual pixel for luminous quality that shines with every detail.

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

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.

BRING HOME THE MAGIC OF HOME CINEMA

Experience the magic of the big screen right from your couch. Loaded with Dolby Vision® for extraordinary color, contrast and brightness, plus Dolby Atmos®** for sound you can feel all around you. Land in the center of the action with FILMMAKER MODE™ with Ambient Light Technology, allowing you to see films just as the director intended.

*Dolby, Dolby Vision, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 2012–2026 Dolby Laboratories. All rights reserved.



Specifications

PICTURE (PANEL)

Display Type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Brightness Booster	Brightness Booster Pro
Refresh Rate	120Hz Native (VRR 165Hz)
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
Precision HDR Master Pro	Yes

GAMING

Game Optimizer	Yes (Game Dashboard)
G-Sync Compatible (Nvidia)	Yes
FreeSync Compatible (AMD)	Yes
VRR (Variable Refresh Rate)	Yes (Up to 165Hz)
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 (US only)
Content Partners	Netflix, HBO Max, Disney+, YouTube, Prime Video, ESPN, Apple TV and more
LG Link	Yes
LG Shield	Yes

AUDIO

Speaker System	2.2 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 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, QFT)
HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	2ea (v 2.0)
RF Input (Antenna/Cable)	1ea
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	83": 190.9 W 77": 154 W
Annual Power Consumption	83": 351 kWh/y 77": 284 kWh/y
Energy saving Mode	Yes
ENERGY STAR® Qualified	Yes



Specifications

OLED83C6HUA.AUS (83.3" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	72.5" x 43.1 (Adjustable = 45)" x 11.7"
TV Dimensions without Stand (WxHxD)	72.5" x 41.5" x 2.1"
Shipping Dimensions (WxHxD)	80.7" x 47.2" x 7.9"
Stand Width	18.1"
TV Weight with Stand	72.8 lbs
TV Weight without Stand	62.4 lbs
Shipping Weight	98.3 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174142219

OLED77C6HUA.AUS (77.4" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	67.4" x 40.7" x 10.5"
TV Dimensions without Stand (WxHxD)	67.4" x 38.7" x 1.9"
Shipping Dimensions (WxHxD)	74" x 44.5" x 9.0"
Stand Width	20.5"
TV Weight with Stand	59.5 lbs
TV Weight without Stand	51.8 lbs
Shipping Weight	84.4 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174137543

ACCESSORIES INCLUDED

Stand	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	-
Wall Mount	83": WB24GCB 77": OLW480B
Floor Stand	-

WARRANTY

Limited Warranty	1 Year Parts & Labor
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