

OLED CXPUA/PUB Series

LG OLED TV CX

77" 65" 55" 48"

* Class size: See below for details.

- **Self-lighting OLED:**
Perfect Black, Intense Color, Infinite Contrast
- **α9 Gen 3 AI Processor 4K**
with AI Picture Pro & AI Sound Pro
- **Dolby Vision™ IQ | Dolby Atmos®**
- **webOS & ThinQ AI w/ Magic Remote**
- **Gaming:**
G-SYNC Compatible, FreeSync, VRR, ALLM



DESCRIPTION

LG OLED TV CX redefines everything you see.

Once you've seen LG OLED TV, other TVs pale in comparison. OLED is a difference-maker for movies, shows, sports and gaming. From the gridiron to the iron throne, no detail goes unseen. And only OLED pixels emit their own light for perfect black, intense color and stunning picture — backed by AI Picture Pro and AI Sound Pro, our best 4K processor, connected home features and cutting-edge gaming tech in the world's #1 selling OLED TV.

KEY FEATURES

LG OLED TV

See how perfect LG OLED TVs can be.

Bring home the world's #1 selling OLED TV. Only OLED pixels emit their own light, allowing for perfect black, intense color and stunning picture. Other TVs pale in comparison. There's LG OLED, then there's everything else.

Pixel Level Dimming

8.3+ million pixels control the light show.

Millions of pixels emit their own light. Only OLED can turn pixels off completely and independently. No LED/LCD TV can do that. See stunning picture, perfect black, infinite contrast and over a billion rich colors. Once you've seen LG OLED TV, you'll understand the difference.

webOS + Magic Remote

Entertainment at your command.

LG's fan-favorite webOS platform* makes it surprisingly fast and easy to stream movies and shows with your favorite apps and find new obsessions based on what you like. While our Magic Remote lives up to its name with voice and motion control — just speak or simply point, scroll and click.

*Internet connection and subscriptions required.

α9 Gen 3 AI Processor 4K

AI processor directs your 4K picture behind the scenes.

Everything you see and hear is automatically made better, clearer, smoother, and more dynamic with our α9 Gen 3 AI Processor 4K. You don't have to do a thing. Our most advanced 4K processor does it for you with AI Picture Pro, AI Sound Pro, AI 4K Upscaling, and the ability to help your TV to evolve over time.

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

Dolby Vision™ IQ | Dolby Atmos®

The leading name in cinematic sight and sound.

Dolby ups the action, driving their best-in-class HDR format to new cinematic heights. Dolby Vision IQ* automatically adjusts picture settings depending on ambient lighting conditions and content genres. Dolby Atmos® puts you in the middle of the action with multi-dimensional surround sound that seems to flow all around you.

*Dolby Vision is a trademark of Dolby Laboratories. Dolby, Dolby Atmos and the double-D symbol are registered trademarks of Dolby Laboratories.

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes
Dimming Technology	Pixel Level Dimming
PICTURE (PROCESSING)	
Picture Processor	α9 Gen 3 AI Processor 4K
Refresh Rate	120Hz Native
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision®, HDR10, HLG) Dolby Vision IQ, HDR Dynamic Tone Mapping Pro
Contrast	Advanced Contrast Enhancer, Face Enhancing, Ultra Luminance Pro
Clarity	Quad Step Noise Reduction Frequency Based Sharpness Enhancer
Color	Intense Color, Billion Rich Colors, Advanced Color Enhancer, True Color Accuracy Pro
Motion	OLED Motion Pro (not supported on streaming content)
Resolution Upscaler	AI Upscaling
GAMING	
G-SYNC Compatible	Yes
FreeSync™	Yes (May not be available at the time of purchase of this product)
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
Response Time	>1 ms
HGiG	Yes
AI TV (ARTIFICIAL INTELLIGENCE)	
LG ThinQ® AI	Yes
Google	Google Assistant Built-In "Works with" Google Assistant
Alexa	Alexa Built-In "Works with" Alexa
Apple	Apple Airplay2, Apple Homekit
Intelligent Voice Recognition	Yes
Home Dashboard	Yes
AI Picture Pro / AI Picture	AI Picture Pro
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)
SMART TV	
Operating System	webOS
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
LG Channels	Yes
LG Content Store (App Store)	Yes
Full Web Browser	Yes
Gallery Mode	Yes
Sports Alert	Yes
AUDIO	
Speaker System	2.2 Channel
Output Power	40W (20W Woofer)
Speaker Direction	Front Firing (Reflector)
AI Sound Pro / AI Sound	AI Sound Pro
Dolby Atmos	Yes
WiSA Ready	Yes (Separate Dongle Purchase Required)
Surround Mode	OLED Surround
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)
Bluetooth Surround Ready	Yes
LG Sound Sync	Yes
CONNECTIVITY	
Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
IP Control	Yes
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC, Clear QAM
Smart Phone Connectivity	Yes

INPUTS & OUTPUTS	
HDMI Input (HDCP 2.2)	1 (rear) / 3 (side)
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	2 (rear) / 1 (side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear, Gender)
Ethernet Input	1 (rear)
RS-232C Input (Mini Jack)	1 (rear)
Digital Audio Output (Optical)	1 (rear)
Headphone Out	1 (rear)
POWER	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Typical Power Consumption	77" : 170W 65" : 130W 55" : 106W 48" : 92W
Max Power Consumption	77" : 645W 65" : 467W 55" : 347W 48" : 256W
Annual Power Consumption	77" : 313KWh/y 65" : 240KWh/y 55" : 196KWh/y 48" : 171KWh/y
OLED77CXPUA (76.7" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	67.8" x 40.3" x 10.6"
TV Dimensions without Stand (WxHxD)	67.8" x 39.1" x 2.2"
Packaging Dimensions (WxHxD)	74.6" x 44.5" x 11.2"
Stand Width	47.2"
TV Weight with Stand	79.1 lbs
TV Weight without Stand	58.9 lbs
Packaging Weight	108.7 lbs
VESA Mounting (W x H)	400 x 200
UPC	719192637177
OLED65CXPUA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	57" x 33.9" x 9.9"
TV Dimensions without Stand (WxHxD)	57" x 32.7" x 1.8"
Packaging Dimensions (WxHxD)	67.6" x 38.2" x 8.1"
Stand Width	39.3"
TV Weight with Stand	71.9 lbs
TV Weight without Stand	52.9 lbs
Packaging Weight	91.5 lbs
VESA Mounting (W x H)	300 x 200
UPC	719192637092
OLED55CXPUA (54.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	48.3" x 29.1" x 9.9"
TV Dimensions without Stand (WxHxD)	48.3" x 27.8" x 1.8"
Packaging Dimensions (WxHxD)	55.3" x 32.9" x 8.1"
Stand Width	39.3"
TV Weight with Stand	50.7 lbs
TV Weight without Stand	41.7 lbs
Packaging Weight	63.3 lbs
VESA Mounting (W x H)	300 x 200
UPC	719192637085
OLED48CXPUB (48.2" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	42.2" x 25.6" x 9.9"
TV Dimensions without Stand (WxHxD)	42.2" x 24.3" x 1.8"
Packaging Dimensions (WxHxD)	48.2" x 29.5" x 8.1"
Stand Width	33"
TV Weight with Stand	41.7 lbs
TV Weight without Stand	32.8 lbs
Packaging Weight	49.4 lbs
VESA Mounting (W x H)	300 x 200
UPC	719192642034
ACCESSORIES INCLUDED	
Remote	Magic Remote
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes
WARRANTY	
Limited Warranty	1 Year Parts & Labor