

# OLED C1PUA/PUB Series

LG OLED TV C1

55"

\* Class size: See below for details.

- **OLED Display**  
self-lighting pixels, perfect black, infinite contrast, intense color, billion rich colors
- **Ultimate Gameplay:**  
Game Optimizer, VRR, ALLM, eARC, HGiG, NVIDIA G-SYNC, FreeSync
- **α9 Gen 4 AI Processor:**  
AI Picture Pro & AI Sound Pro
- **HDMI 2.1 (all ports)**



## DESCRIPTION

**OLED at the top of its game.**

From the big game to being in the game, no detail goes unseen. With advanced gaming technology like NVIDIA G-SYNC, you'll crush the competition. Self-lit pixels emit their own light for perfect black, intense color and stunning picture—paired with our best processor for even better picture quality. Only on OLED.

## KEY FEATURES

### OLED Display

**The power of self-lit pixels.**

Watch your content come to life in over 8 million pixels. Each pixel turns on and off independently so you'll see your content with perfect black, over a billion rich colors and infinite contrast for a viewing experience like no other.

### Ultimate Gameplay

**Ultimate Gameplay is here.**

Experience gaming like never before with features that help you beat the competition. It's NVIDIA G-SYNC and FreeSync Premium Compatible for real-time action and virtually no tearing. Game Optimizer gives you easier access to all your game settings, while the latest HDMI allows for fast gaming speeds. Plus, you'll get low input lag and fast response times with Auto Low-Latency Mode and HGiG.

### α9 Gen 4 AI Processor

**Automatically optimized TV.**

Picture and sound adjustment happen automatically with our best processor. The α9 Gen4 AI Processor 4K uses deep-learning algorithms to detect scenes and genres to make your content look its best no matter what or when you're watching.

### HDMI 2.1

**Seamless Gaming Possibilities**

LG OLED TVs allow for a more lifelike gaming experience with fast-moving content in higher resolution and smooth, synchronized graphics from the latest HDMI 2.1 technology.

### Home Cinema Experience

**Bring cinema home.**

Get breathtaking picture and audio that makes you feel like you're in the action with Cinema HDR, Dolby Vision IQ & Dolby Atmos. See movies exactly how directors intended with Filmmaker Mode. And with built-in access to Netflix, Prime Video, Apple TV+, Disney+ and LG channels, your favorite content is at your fingertips.

## SPECIFICATIONS

PICTURE (PANEL)	
Display Type	OLED Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes
Dimming Technology	Pixel Level Dimming
Perfect Black	Yes
Intense Color (Wide Color Gamut)	Yes
Billion Rich Colors	Yes
Color Fidelity 100%	Yes
PICTURE (PROCESSING)	
Picture Processor	α9 Gen 4 AI Processor 4K
AI Picture	AI Picture Pro
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)
Upscaling	AI 4K Upscaling
Refresh Rate	120Hz Native
Motion	OLED Motion Pro
SOUND (PROCESSING)	
AI Sound	AI Sound Pro
TV Sound Mode Share	Yes
Bluetooth Surround Ready	Yes
SOUND (PROCESSING)	
HDR	Cinema HDR (Dolby Vision, HDR10, HLG)
Dolby Vision IQ	Yes
Filmmaker Mode	Yes
Magic Explorer	Yes
Next Picks	Yes
GAMING	
Game Optimizer	Yes
G-SYNC Compatible	Yes
FreeSync Premium™	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
Response Time	>1 ms
HGiG	Yes
SMART TV	
Operating System	webOS
Content Partners	Netflix, Prime Video, Disney+, Apple TV, Hulu, Paramount+, Peacock, Youtube TV, Spotify, iHeartRadio and more
LG Content Store (App Store)	Yes
Full Web Browser	Yes
LG Channels	Yes
Sports Alert	Yes
Gallery Mode	Yes
Who.Where.What?	Yes
Home Dashboard	Yes
"Works With"	Hey Google, Alexa, Apple Airplay2 and Homekit (Separate device purchase necessary)
AI TV (ARTIFICIAL INTELLIGENCE)	
LG ThinQ® AI	Yes
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
Voice Assistants	Google Assistant Built-in and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes
AUDIO	
Speaker System	2.2 Channel
Output Power	40W
Speaker Direction	Down Firing (w/Stand Front Firing)
Dolby Atmos	Yes
WiSA Ready	Yes (Separate Dongle Purchase Required) *Up to 5.1 Channel
Surround Mode	OLED Surround
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
LG Sound Sync	Yes
CONNECTIVITY	
NEXTGEN TV (ATSC 3.0)	-
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)	4 (rear):83", 1 (rear) / 3 (side): 77", 65", 55", 48"
Latest HDMI (4K @ 120Hz)	HDMI ports 1,2,3,4
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	3 (Side): 83", 2 (Rear) / 1 (Side): 77", 65", 55", 48"
RF Connection Input (Antenna/Cable)	1 (Bottom, RF):83", 1 (Rear, RF): 77", 65", 55", 48"

AV Input	-
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	83": 180W 77": 170W 65": 130W 55": 106W 48": 90W
Annual Power Consumption	83": 331 kWh/y 77": 313 kWh/y 65": 240 kWh/y 55": 196 kWh/y 48": 167 kWh/y

OLED83C1PUA (TBD DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	72.9" x 43" x 11"
TV Dimensions without Stand (WxHxD)	72.9" x 41.8" x 2.2"
Packaging Dimensions (WxHxD)	80.7" x 47.6" x 11.2"
Stand Width	47.2"
TV Weight with Stand	91.7 lbs
TV Weight without Stand	71.2 lbs
Packaging Weight	123.5 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174009062

OLED77C1PUB (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	195174006078

OLED65C1PUB (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)	66" x 37.4" x 8.1"
Stand Width	39.3"
TV Weight with Stand	71.9 lbs
TV Weight without Stand	52.9 lbs
Packaging Weight	90.8 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174006047

OLED55C1PUB (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)	53" x 31.9" x 8.1"
Stand Width	39.3"
TV Weight with Stand	50.7 lbs
TV Weight without Stand	41.7 lbs
Packaging Weight	63.1 lbs
VESA Mounting (W x H)	300 x 200
UPC	195174006016

OLED48C1PUB (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" x 29.3" x 8"
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	195174006115

ACCESSORIES INCLUDED	
Remote	Magic Remote
Remote Control Battery	Yes (AA)
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

WARRANTY	
Limited Warranty	1 Year Parts & Labor