LG SIGNATURE OLED TV

LG

Life's Good

OLED Z2PUA Series
LG SIGNATURE OLED TV Z2

| 88" | 77" |

* Class size: See below for details.

- **8K Resolution**
- **OLED Picture Quality**
- **8K AI Upscaling**
- **α9 Gen 5 AI Processor 8K**
- **Gallery Design (77" only)**

PREMIUM
OLED
G1 (55", 65", 77")
5
YEAR
LIMITED
PANEL WARRANTY
LG

DESCRIPTION

The one. The only. The OLED 8K.
Get ready for the next-gen of premium entertainment with over 33 million self-lit OLED pixels that come together to create a revolutionary viewing experience that can only be found here.

KEY FEATURES

8K Resolution

WHAT'S NEXT IS NOW
Experience our 8K OLED screen to bring your content to life like never before with the sharpest, most vivid resolution ever in an OLED

OLED Picture Quality

LOVE AT FIRST SIGHT
Our self-lit OLED pixels bring to life infinite contrast, perfect black, and over a billion colors add depth and bring out the bold, brazen and beautiful no matter what you're watching

8K AI Upscaling

AN EPIC METAMORPHOSIS
Instantly transform all of your regular and 4K content into a 8K-like viewing experience*

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

α9 Gen 5 AI Processor 8K

BRAINS WORTH BOASTING ABOUT
Make the impossible possible with our latest a9 Gen5 AI Processor 8K engineered exclusively for LG OLED to automatically adjust your settings to improve picture and sound quality based on whatever you're watching

Gallery Design

WELCOME TO THE GALLERY
Transform your home to a more artful space with the new sleek, OLED design that leaves virtually no gap when you hang it on the wall*

*Depending on installation environment there may be a slight gap between the TV and the wall. Installation requirements vary. See installation guide for details.

LG SIGNATURE OLED TV

SPECIFICATIONS

PICTURE (PANEL)

Display Type	Self-Lighting OLED Display
Display Resolution	8K Ultra HD (7,680 x 4,320)
Brightness Booster	-
Wide Viewing Angle	Yes
Dimming Technology	Pixel Level Dimming
Perfect Black	Yes
Intense Color (Wide Color Gamut)	Yes
Billion Rich Colors	Yes
100% Color Fidelity	Yes
100% Color Volume	Yes

PICTURE (PROCESSING)

Picture Processor	α9 Gen 5 AI Processor 8K
AI Picture	AI Picture Pro
Upscaling	AI 8K Upscaling
Refresh Rate	120Hz Native

SOUND (PROCESSING)

AI Sound	AI Sound Pro
TV Sound Mode Share	Yes
Bluetooth Surround Ready	Yes

HOME CINEMA

HDR	Cinema HDR (Dolby Vision, HDR10, HLG) Dynamic Tone Mapping Pro
Dolby Vision IQ	Yes (Precision Detail)
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
Cloud Gaming	Google STADIA / NVIDIA GEFORCE NOW

SMART TV

Operating System	webOS 22
Content Partners	Netflix, HBO Max, 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
Art Gallery	Yes
Who.Where.What?	Yes
Home Dashboard	Yes
Room to Room Share	Yes (Sender and Receiver)
Always Ready	Yes
Ambient Mode	Yes
"Works With"	Google Assistant, Alexa, Apple Airplay2 and Homekit (Separate device purchase necessary)

AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Hands-free Voice Control	Yes
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
Voice Assistants	Google and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes

AUDIO

Speaker System	4.2 Channel
Output Power	80W: 88", 60W: 77"
Speaker Direction	Front Firing (Reflector): 88", Down Firing: 77"
Dolby Atmos	Yes
WiSA Ready	Yes (Separate Dongle Purchase Required) *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

CONNECTIVITY

NEXTGEN TV (ATSC 3.0)	Yes
Wi-Fi® Standard	Wi-Fi Certified 802.11ax (Wifi 6)
Bluetooth® Support	Version 5.0
IP Control	Yes
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC 3.0, Clear QAM
Smart Phone Connectivity	Yes

INPUTS & OUTPUTS

HDMI Input (HDCP 2.2)	4 (Side): 88" 2 (Bottom) / 2 (Side):77"
HDMI 2.1 (4K @ 120Hz)	HDMI 1,2,3,4
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	1 (Bottom) / 2 (Side): 88" 2 (Bottom) / 1 (Side): 77"
RF Connection Input (Antenna/Cable)	1 (Bottom)
AV Input	-
Ethernet Input	1 (Bottom)
RS-232C Input (Mini Jack)	1 (Bottom)
Digital Audio Output (Optical)	1 (Bottom)
Headphone Out	-

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	88": 308 W 77": 260 W
Annual Power Consumption	88": 565 kWh/y 77": 477 kWh/y

OLED88Z2PUA (87.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	77.2" x 57.3" x 11.1"
TV Dimensions without Stand (WxHxD)	77.2" x 44.1" x 2"
Packaging Dimensions (WxHxD)	83.7" x 54.6" x 28"
Stand Width	77.2"
TV Weight with Stand	229.3 lbs
TV Weight without Stand	92.6 lbs
Packaging Weight	332.9 lbs
VESA Mounting (W x H)	LSW640 (Set) OLW480 (Power Box)
UPC	195174030011

OLED77Z2PUA (76.7" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	67.6" x 41.1" x 12.7"
TV Dimensions without Stand (WxHxD)	67.6" x 38.7" x 1.3"
Packaging Dimensions (WxHxD)	74" x 44.5" x 9"
Stand Width	60.3"
TV Weight with Stand	95.7 lbs
TV Weight without Stand	93.9 lbs
Packaging Weight	123.5 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174030035

ACCESSORIES INCLUDED

Wall Mount	Flush Mount Included: 77" Only
Remote	SIGNATURE Magic Remote w/ NFC Included: 88" Only Magic Remote w/ NFC Included: 77" Only
Remote Control Battery	Yes (AAA): 88" / (AA): 77"
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	-
Wall Mount	WB21LMB, LSW640B: 88" WB21LMC, LSW440B: 77"
Floor Stand	-

DESIGN

TV Color	Black
Stand Color	Silver

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 88Z2, 77Z2, 97G2. 83G2, 77G2, 65G2, and 55G2 TVs.