



OLED Z3 Series

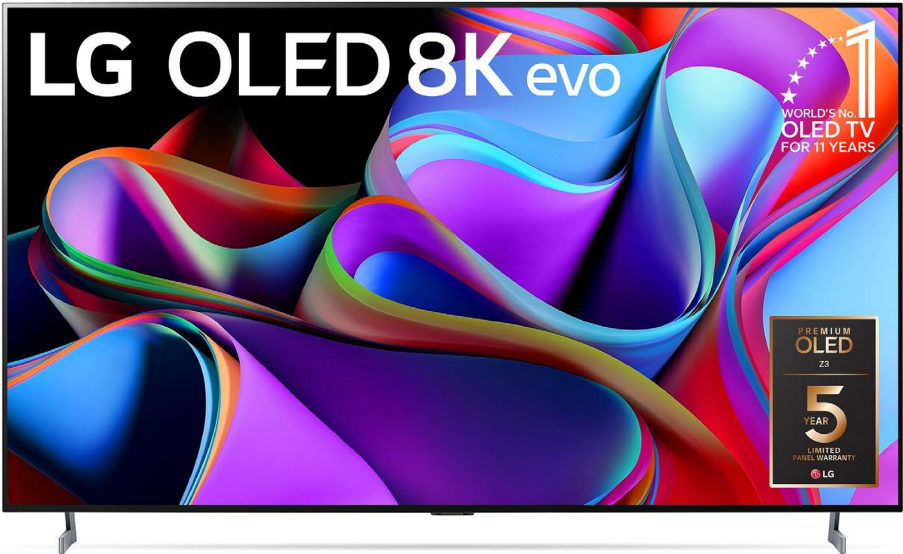
LG SIGNATURE OLED TV Z3

77"

* Class size: See below for details.

- Self Lit Pixels
- 8K Resolution & 8K Upscaling*
- Brightness Booster Max
- Always Ready
- 5-Year Panel Warranty

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



DESCRIPTION

Experience the future of TV with LG OLED evo 8K
Discover the next level of premium entertainment. Quadruple the resolution of traditional 4K with over 30 million self-lighting pixels to create a revolutionary viewing experience you can only get from LG.

KEY FEATURES

Brightness Booster Max

Bright and beautiful
Discover the new height of bright, vivid picture. The LG OLED evo Z3 shines stronger thanks to Brightness Booster Max technology that magnifies each individual pixel for luminous quality that shines with every detail.

8K Resolution & 8K Upscaling*

An epic metamorphosis
Instantly transform all your regular and 4K content into an 8K-like viewing experience.*

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

webOS 24 & LG Channels

A galaxy of entertainment at your fingertips
No matter which TV you choose, your LG TV makes it easier than ever to find what you need and more. Browse all your favorite streaming apps and let LG Channels connect you to 300+ free channels of sports, fitness, cooking and more.*

*Internet connection and subscriptions to streaming services are required; number of LG Channels subject to change.

Self-lit Pixels

Picture that wows from scene to scene
LG's signature OLED technology creates an incredible watching experience and stellar picture quality illuminated with over 8 million self-lit pixels. Take in rich and accurate colors from the brightest to darkest parts of the scene thanks to 100% Color Volume* and with 100% Color Fidelity.

*Display Color Gamut Volume (CGV) is equivalent or exceeds the CGV of the DCI-P3 color space as verified independently** by Intertek.

**Third-party testing conducted by Intertek showed the color fidelity of the display is 100% based on CIE dE 2000 color difference metric calculated for 125 color patches distributed across the entire color volume. Color difference (Delta-E) value was less than 2 for each of the 125 color patches.

Ultimate Gaming

Game with the power of LG OLED
Packed with gaming features, the LG OLED evo Z-Series comes with everything you need to win. Experience crisp, smooth imagery from a 0.1ms response time and native 120Hz refresh rate. All LG OLED TVs have NVIDIA G-Sync, AMD FreeSync Premium and VRR to further improve gaming quality. Four HDMI 2.1 inputs allow you to plug in all the devices you need. Whether you game on consoles or on the cloud,* the LG Game Dashboard and Game Optimizer put all the control at your fingertips.

*Subscription and compatible gaming controller are required.

PICTURE (PANEL)

Display Type	8K OLED
Display Resolution	8K (7,680 x 4,320)
Brightness Booster	Brightness Booster Max
Refresh Rate	120Hz Native
Perfect Black	Yes
Wide Color Gamut	OLED Color
100% Color Fidelity	Yes
100% Color Volume	Yes

PICTURE (PROCESSING)

Picture Processor	α9 AI Processor 8K Gen6
AI Picture	Yes
AI Upscaling	AI Super Upscaling 8K
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)
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
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes
Response Time	<0.1 ms

SMART TV

Operating System (OS)	webOS 24
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Home Hub	Yes
Amazon Alexa (Built-in)	Yes (Built-in)
Works with Amazon Alexa	Yes
Works with Hey Google	Yes
Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Hands-free Voice Control	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Who.Where.What?	Yes
Sports Alert	Yes
Multi View	Yes
Room to Room Share	Yes (Sender/Receiver)
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Matter	Yes

AI Concierge	Yes
Family Settings	Yes
Content Partners	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more

AUDIO

Speaker System	4.2 channel
Audio Output	80W (60W for 77")
Speaker Direction	Front Firing
Dolby Atmos	Yes
AI Sound	AI Sound Pro (Virtual 9.1.2 Up-mix)
DTS:X (by-pass only)	Yes
Clear Voice Pro	Yes
WiSA Ready	Yes (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
Sound Mode Share	Yes
Bluetooth Surround Ready	Yes (2 Way Playback)

CONNECTIVITY

Wi-Fi Standard	Yes (Wi-Fi 6E)
Bluetooth Support	Yes (v 5.0)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC 3.0, Clear QAM
Smartphone Remote App	Yes (LG ThinQ)
HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	3ea (v 3.0 1ea / v2.0 2ea)
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	265 W
Annual Power Consumption	486 kWh/y



OLED77Z3PUA (77.6" 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"
Shipping Dimensions (WxHxD)	74.0" x 44.5" x 9.0"
Stand Width	60.3"
TV Weight with Stand	98.5 lbs
TV Weight without Stand	96.8 lbs
Shipping Weight	125.4 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174051085

ACCESSORIES INCLUDED	
Wall Mount	-
Remote	Premium Magic Remote PM23 with NFC
Remote Control Battery	Yes (AAA x 2EA)
Power Cable	Yes (Attached)
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)	
Stand	-
Wall Mount	WB20G, LSW440
Floor Stand	-

WARRANTY	
Limited Warranty	1 Year Parts & Labor