

# 86UM8070AUB

4K HDR Smart LED TV w/ AI ThinQ®

86"

\*Class size: See below for details.

- **IPS 4K Display**
- **LG ThinQ® AI | Google Assistant | Alexa**
- **LG α7 Gen 2 Intelligent Processor**
- **Dolby Vision™**



\*Image not final subject to change

## DESCRIPTION

Your own theater awaits with an extra-large IPS 4K screen that provides four times the resolution of Full HD, even at wide viewing angles. Complete with the α7 Gen 2 Intelligent Processor — empowered by AI at its core to enhance images, action and color. Dolby's image and sound technologies transform your experience. And it's a brilliant TV that combines LG ThinQ® with the voice assistance of the Google Assistant\* and Alexa\*\* to control your entertainment and smart home. Welcome home an LG UHD TV that pushes home cinema size to the extreme.

\*Service limited to certain languages. Some features require 3rd party service subscriptions.

\*\*Available via firmware update later in 2019.

## KEY FEATURES

### IPS 4K Display

The IPS 4K panel's wide viewing angle keeps you enthralled with spectacular realism — displaying almost 100% color accuracy, even from a 60-degree angle.

### LG ThinQ® AI

The world's most intelligent TVs listen, think and answer to provide the ultimate in personalized entertainment and control over your smart home.

### LG α7 Intelligent Processor

The innovative α7 Gen 2 Intelligent Processor is at the center of intelligent enhancement of images, action and color. A powerful processor empowered by AI at its core.

### Dolby Vision™

This advanced HDR format automatically optimizes the picture scene by scene to bring entertainment to life — get incredible brightness, color, contrast and detail.\*

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

# LG 4K UHD TV

## SPECIFICATIONS

### PICTURE (PANEL)

Display Type	IPS 4K Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Direct

### PICTURE (PROCESSING)

Picture Processor	α7 Gen 2 Intelligent Processor
Refresh Rate	TruMotion 240 (Native 120Hz)
HDR (High Dynamic Range)	4K Cinema HDR (Dolby Vision®, HDR10, HLG) HDR Dynamic Tone Mapping Pro
Contrast	Object Depth Enhancer
Clarity	Quad Step Noise Reduction Frequency Based Sharpness Enhancer
Color	Wide Color Gamut Advanced Color Enhancer
Resolution Upscaler	4K Upscaler

### AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Google Assistant	Yes
Alexa Built-In	Yes (Available via firmware update)
Google Home Compatible	Yes (Google Home device sold separately)
Amazon Alexa Compatible	Yes (Amazon Alexa device sold separately)
Intelligent Voice Recognition	Yes

### SMART TV

Operating System	webOS
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
LG Content Store (App Store)	Yes
Full Web Browser	Yes

### AUDIO

Speaker System	2.0 Channel
Output Power	20W
Dolby Atmos	Yes
WiSA Ready	No
DTS Decoder	DTS-HD
Bluetooth Audio Playback	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)	4 (2 rear, 2 side)
HDMI Audio Return Channel (ARC)	ARC (HDMI 2)
USB Ports (v 2.0)	3 (2 rear, 1 side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear)
Ethernet Input	1 (rear)
RS-232C Input (Mini Jack)	1 (rear)
Digital Audio Output (Optical)	1 (rear)

### POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	TBD
Annual Power Consumption	TBD

### 86UM8070AUB (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	76.5" x 46.8" x 13.6"
TV Dimensions without Stand (WxHxD)	76.5" x 44" x 3.7"
Packaging Dimensions (WxHxD)	83.3" x 49.6" x 11.2"
Stand Width	70.2"
TV Weight with Stand	99.2 lbs
TV Weight without Stand	97.4 lbs
Packaging Weight	130.1 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192629158

### ACCESSORIES INCLUDED

Remote	Magic Remote Included
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

### WARRANTY

Limited Warranty	1 Year Parts & Labor
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