

UM8070PUA Series

4K HDR Smart LED TV w/ AI ThinQ®

86"

82"

* Class size: See below for details.

- **IPS 4K Display - 86" Only**
- **LG ThinQ® AI | Google Assistant | Alexa**
- **LG α7 Gen 2 Intelligent Processor**
- **Dolby Vision™**



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	86": IPS 4K Display 82": 4K LCD Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	86": 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 82": True Color Accuracy
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	Yes (Separate Dongle Purchase Required)
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	86": 157.3W 82": 156.3W
Annual Power Consumption	86": 289Wh/y 82": 287Wh/y

86UM8070PUA (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	719192629134

82UM8070PUA (81.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	72.8" x 44.8" x 13.6"
TV Dimensions without Stand (WxHxD)	72.8" x 42" x 3.5"
Packaging Dimensions (WxHxD)	78.3" x 47.8" x 9.1"
Stand Width	65.0"
TV Weight with Stand	103.6 lbs
TV Weight without Stand	101.9 lbs
Packaging Weight	124.6 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192629127

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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