

# UP8770PUA Series

LG UHD TV UP8770

86"

82"

\* Class size: See below for details.

- **Ultra-Slim Design**
- **α7 Gen 4 AI Processor w/ AI Picture + AI Sound**
- **TruMotion 240 (Native 120Hz)**
- **Dolby Vision IQ + Dolby Atmos**



## DESCRIPTION

The upgrade you've been waiting for.

More of what you want in one ultra-slim, XL 4K package. It's Ultra High Definition backed by our premium processor and AI to enhance color, contrast and sound. It's fast, fluid action with a 120Hz refresh rate, plus cinematic sight and sound from Dolby Vision and Dolby Atmos.

## KEY FEATURES

### Ultra-Slim Design

**Thinner profile. Bigger experience.**

A sleek bezel that puts the focus on your content. We designed LG UHD TVs to be thin in profile with a lightweight frame that's perfect for both mounting on a wall or displaying on a stand.

### α7 Gen 4 AI Processor

**Crystal-clear images, automatically.**

Savor every detail. Our powerful α7 Gen 4 AI Processor 4K uses AI technology to automatically enhance both picture and sound. You don't have to press a button.

### TruMotion 240 (Native 120Hz)

**Frame-to-frame flow.**

TruMotion 240 technology reduces blur to sharpen every detail with up to 240 frames per second— giving fast-moving gaming sequences a crystal-clear look for picture that moves with you.

### Dolby Vision IQ + Dolby Atmos

**Cinema in a snap.**

Dolby technology drives cinematic picture and sound. Dolby Vision IQ automatically adjusts your TV's picture settings based on what you're watching, while Dolby Atmos envelops you in sound that seems to move all around you.

### Latest HDMI

**The fastest HDMI speeds.**

The latest HDMI 2.1 technology powers a more lifelike gaming experience with smooth, fast-moving content in higher resolution.

## SPECIFICATIONS

## PICTURE (PANEL)

Display Type	Real 4K Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Direct
Backlight Dimming Technology	-
True Color Accuracy	Yes

## PICTURE (PROCESSING)

Picture Processor	α7 Gen 4 AI Processor 4K
AI Picture	Yes
Auto Genre Selection	Yes (Dolby HDR Only)
Upscaling	AI 4K Upscaling
Refresh Rate	TruMotion 240 (120Hz Native)
Motion	-

## SOUND (PROCESSING)

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

## HOME CINEMA

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	-
FreeSync Premium™	-
VRR (Variable Refresh Rate)	-
ALLM (Auto Low Latency Mode)	Yes
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
Hands-free Voice Control	-
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	2.0 Channel
Output Power	20W
Speaker Direction	Down Firing
Dolby Atmos	Yes
WiSA Ready	-
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 &amp; OUTPUTS

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

## POWER

Power Supply (Voltage, Hz)	AC 100-240V 50-60Hz
Standby Power Consumption	Under 0.5W
Typical Power Consumption	86": 167.3W 82": 141.5W
Annual Power Consumption	86": 308 kWh/y 82": 261 kWh/y

## 86UP8770PUA (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	75.9" x 45.9" x 14.3"
TV Dimensions without Stand (WxHxD)	75.9" x 43.5" x 2.4"
Packaging Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	60.3"
TV Weight with Stand	101.2 lbs
TV Weight without Stand	99.6 lbs
Packaging Weight	128.7 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174008201

## 82UP8770PUA (81.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	72.2" x 43.8" x 14.3"
TV Dimensions without Stand (WxHxD)	72.2" x 41.4" x 2.4"
Packaging Dimensions (WxHxD)	78.1" x 47.8" x 9"
Stand Width	59.1"
TV Weight with Stand	92.8 lbs
TV Weight without Stand	91.3 lbs
Packaging Weight	116.8 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174008157

## 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
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