

# LG UHD TV

## 86UP8770PUA

LG UP87 86" 4K Smart UHD TV

- Real 4K Display
- $\alpha$ 7 Gen 4 Processor 4K with AI Picture & AI Sound
- TruMotion 240 (Native 120Hz)
- webOS® 6.0 & ThinQ® AI w/ Magic Remote
- Cinema HDR w/ Dolby Vision™ and Dolby Atmos®



### DESCRIPTION

#### See a big difference with LG's best UHD TV

Movies, sports and gaming look bigger and better<sup>1</sup> on LG's ultra-large UHD TVs. Whether 82" or 86", you'll enjoy picture performance at wide angles with the real 4K Display. LG UHD TV's AI processor enhances colour, contrast, clarity and detail for unreal picture quality, while AI also enhances picture and sound and gives control over your connected home.

<sup>1</sup>Compared to previous LG models.

### KEY FEATURES

#### Real 4K Display

Whatever you're watching, nearly every angle looks great. Our Real 4K Display widens your viewing angle without losing colour and detail. With pristine colour, light and detail, LG TV is clear in every moment.

#### $\alpha$ 7 Gen 4 Processor 4K

At the core of LG UHD TV is the  $\alpha$ 7 Gen4 AI Processor 4K, a groundbreaking chip that uses machine learning to analyze and optimize content. Every adjustment to picture and sound is automatic, so everything you watch is spectacular.

#### TruMotion 240 (Native 120Hz)

Never miss a moment. Refresh Rate 120 Hz reduces blurs and sharpens details, giving fast-action movie sequences and lightning-fast sports plays a smoother look from frame to frame.

#### webOS® 6.0 & ThinQ® AI w/ Magic Remote

The newly designed home screen shows personalized content suggestions, gives you easier access to favourites, and lets you control connected devices all in one place. The redesigned Magic Remote has an ergonomic design that's easy to hold, and its point and scroll system allows faster searching. Built-in AI provides easy access to services, while hotkeys for major content providers give you shortcuts to all your favourites.

## SPECIFICATIONS

### PICTURE (PANEL)

Display Type	4K UHD
Display Resolution	3840 x 2160
Backlight Type	Direct

### PICTURE (PROCESSING)

Picture Processor	α7 Gen4 Processor 4K
Refresh Rate	TruMotion 240 (Native 120Hz)
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision™, HDR10, HLG) HDR Dynamic Tone Mapping
Contrast	Face Enhancing Ultra Luminance
Clarity	Double Step Noise Reduction Sharpness Enhancer
Colour	Advanced Colour Enhancer True Colour Accuracy
Resolution Upscaler	AI Upscaler
Motion	No
Filmmaker Mode™	Yes

### GAMING

Game Optimizer	Yes
G-Sync Compatible	No
VRR (Variable Refresh Rate)	No
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes

### AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Ready
Google Home Compatibility	Yes (Google Home device sold separately)
Amazon Alexa Compatibility	Yes (Amazon Alexa device sold separately)
Google Assistant Built-in	Ready
Amazon Alexa Built-in	Ready
Apple AirPlay 2 / HomeKit Compatibility	Yes
Intelligent Voice Recognition	Yes
Home Dashboard	Yes
AI Picture Pro / AI Picture	AI Picture
Auto Genre Selection	Yes (Dolby HDR only)

### SMART TV

Operating System	webOS® 6.0
LG Channels	Yes
LG Content Store (App Store)	Yes
Full Web Browser	Yes
Sports Alert	Yes

### AUDIO

Speaker System	2.0 ch
Output Power	20W (10W per Channel)
Speaker Direction	Down Firing
AI Sound Pro / AI Sound	AI Sound
Dolby Atmos®	Yes
WiSA Ready	No
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X
Bluetooth Surround Ready	Yes
LG Sound Sync	Yes

### CONNECTIVITY

Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC, Clear QAM
Mobile Connectivity	Yes

### INPUTS & OUTPUTS

HDMI Input	4 (Side)
Audio Return Channel (ARC)	eARC (HDMI 3)
USB Ports (v 2.0)	2 (Rear) 1 (Side)
Composite Input (AV)	No
Ethernet Input	Yes
RS-232C Input (Mini Jack)	Yes
Digital Audio Output (Optical)	Yes

### POWER

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

### DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	1927 x 1167 x 362 mm / 75.87" x 45.94" x 14.25"
TV Dimensions without Stand (WxHxD)	1927 x 1104 x 59.9 mm / 75.87" x 43.46" x 2.36"
Packaging Dimensions (WxHxD)	2115 x 1215 x 228 mm / 83.27" x 47.83" x 8.98"
Stand Dimension (WxD)	1532 x 362 mm / 60.31" x 14.25"
TV Weight with Stand	45.9 kg / 101.19 lbs
TV Weight without Stand	45.2 kg / 99.65 lbs
Packaging Weight	58.4 kg / 128.75 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174008201

### ACCESSORIES INCLUDED

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

### WARRANTY

Limited Warranty	1 Year Parts & Labour
Model Year	2021

