

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 & 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 |
|------------------|----------------------|