

# 86UR8000A

LG UHD TV UR8000

86"

\* Class size: See below for details.

- Home Cinema Experience
- a7 AI Processor Gen6
- WebOS23 & LG Channels
- Advanced Gameplay
- Refresh Rate



## DESCRIPTION

### Experience Ultra Immersion in UHD

The 86" cinema-sized LG 4K UHD TV that has the smarts to search, stream and recommend, with the extra content, like 300+ free LG Channels,\* that only LG can deliver. Plus, you can bring the cinema home with FILMMAKER MODE™ to see movies just the way directors intended.

\*Internet connection and subscriptions to streaming services are required; number of LG Channels subject to change.

## KEY FEATURES

### Home Cinema Experience

#### Get in the action

Enjoy movies and TV shows upscaled to 4K for a sharper image and more lifelike details.\* See it as the director intended with FILMMAKER MODE™. HDR10 Pro allows you to enjoy the latest HDR content with extended contrast for visuals that pop off the screen.

\*Image quality of upscaled content will vary based on the source resolution.

### a7 AI Processor Gen6

#### Beautiful picture, powered by intelligence

Enjoy outstanding picture powered by the a7 AI Processor Gen6 which uses AI to detect what you're watching and automatically improve the picture and sound quality. Experience everything from movies to sports in color and incredible depth for an immersive viewing experience.

### WebOS23 & LG Channels

#### Smart TV, simplified

Less searching, more streaming, thanks to the next generation of AI technology. Enjoy your favorite content including fitness, sports, entertainment and more. With Quick Cards, group your favorite apps into categories and use the Magic Remote to easily find what you're looking for. Get instant access to over 300 free channels with LG Channels.\*

\*Internet connection and subscriptions to streaming services are required; number of LG Channels subject to change.

### Advanced Gameplay

#### Amped-up and ready for the win

Experience real-time action with no tearing from FreeSync™ Premium and GeForce NOW for cloud gaming.\* Plus, the LG Game Optimizer, Game Dashboard and 2 HDMI 2.1 ports get you (and keep you) in the action.

\*Subscription and compatible gaming controller are required.

### Refresh Rate

#### Fast enough for you

Keep up with fast action games, sports and blockbuster movies with smooth, crisp motion even in the fastest scenes, with a native 120Hz refresh rate.

## SPECIFICATIONS

<b>PICTURE (PANEL)</b>	
Display Type	4K UHD
Display Resolution	4K Ultra HD (3,840 x 2,160)
Refresh Rate	120Hz Native
Wide Color Gamut	-
<b>PICTURE (PROCESSING)</b>	
Picture Processor	α7 AI Processor Gen6
AI Picture	AI Picture Pro
AI Upscaling	AI Super Upscaling 4K
Dynamic Tone Mapping	Yes (Dynamic Tone Mapping)
HDR (High Dynamic Range)	HDR10 / HLG
Dolby Vision	-
FILMMAKER MODE™	Yes
Dimming Technology	-
<b>GAMING</b>	
Game Optimizer	Yes (Game Dashboard)
G-Sync Compatible (Nvidia)	-
FreeSync Compatible (AMD)	-
VRR (Variable Refresh Rate)	-
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes
Cloud Gaming	NVIDIA GeForce Now, Utomik
<b>SMART TV</b>	
Operating System (OS)	webOS 23
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Home Hub	Yes
Amazon Alexa (Built-in)	Yes (Built-in)
Works with Amazon Alexa	Yes
Works with Hey Google	Yes
Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Hands-free Voice Control	-
Next Picks	Yes
Art Gallery	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Who.Where.What?	Yes
Sports Alert	Yes
Multi View	Yes
Room to Room Share	Yes (Receiver)
Always Ready	-
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Matter	Yes
AI Concierge	Yes
Content Partners	Netflix, HBO Max, Prime Video, Disney+, Apple TV, Hulu, Paramount+, Peacock, Youtube TV, Spotify, iHeartRadio and more
<b>AUDIO</b>	
Speaker System	2.0 channel
Audio Output	20W
Speaker Direction	Down Firing
Dolby Atmos	-
AI Sound	AI Sound Pro (Virtual 5.1.2 Up-mix)
DTS:X (by-pass only)	-
Clear Voice Pro	Yes
WISA Ready	Yes (Up to 2.1 Channel)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
LG Sound Sync	Yes
Sound Mode Share	Yes
Bluetooth Surround Ready	Yes (2 Way Playback)
<b>CONNECTIVITY</b>	
NEXTGEN TV (ATSC 3.0)	-
Wi-Fi Standard	Wi-Fi Certified (Wi-Fi 5)
Bluetooth Support	Yes (v 5.0)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC, Clear QAM
Smartphone Remote App	Yes (LG ThinQ)
<b>INPUTS &amp; OUTPUTS</b>	
HDMI Input	4ea (supports 4K 120Hz, eARC, ALLM, QMS as specified in HDMI 2.1 (2 port))
HDMI Audio Return Channel	eARC (HDMI3)
USB Input	2ea (v 2.0)
RF Input (Antenna/Cable)	1ea
Composite In (AV)	-
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea
Headphone output	-
<b>POWER</b>	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Power Consumption	169.7 W
Annual Power Consumption	312 kWh/y
<b>86UR8000AUA (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC</b>	
TV Dimensions with Stand (WxHxD)	75.9" x 45.8" x 14.3"
TV Dimensions without Stand (WxHxD)	75.9" x 43.5" x 2.4"
Packaging Dimensions (WxHxD)	TBD
Stand Width	60.3"
TV Weight with Stand	101.2 lbs
TV Weight without Stand	99.6 lbs
Packging Weight	128.7 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174060315
<b>ACCESSORIES INCLUDED</b>	
Wall Mount	-
Remote	Magic Remote w/ NFC
Remote Control Battery	Yes (AA x 2EA)
Power Cable	Yes (Attached)
Quick Start Guide	Yes
E-Manual	Yes
<b>OPTIONAL ACCESSORIES (SOLD SEPARATELY)</b>	
Stand	-
Wall Mount	TBD
Wall Mount	-
<b>DESIGN</b>	
TV Color	Dark Iron Gray
Stand Color	Light Black
<b>WARRANTY</b>	
Limited Warranty	1 Year Parts & Labor