



* Class size: See below for details.

Bring home 4K: An incredible viewing experience

Bring home 4K resolution in an impressive range of screen sizes with LG UHD TVs. Enjoy swift, easy browsing and tons of personalized recommendations including over 350 free LG channels.*

*Internet connection required; number of LG Channels subject to change.

- 4K UHD TV
- Alpha 8 AI Processor Gen2
- 120 Hz Refresh Rate
- HDR10 Pro
- FILMMAKER MODE™

Member Value

- **Precision HDR Master Pro**
Enhances video frame-by-frame for sharper contrast and vivid colors. SDR content remastered to HDR-like, HDR to stunning.
- **Precision Sound Master Pro**
Enjoy crystal-clear dialogue and immersive surround sound, automatically adjusted to match your content.
- **Dolby Atmos®**
Surround yourself with immersive sound only Dolby Atmos® can deliver.
- **AI Magic Remote**
Point, click, scroll or use AI voice control to find your favorite content.
- **3-Year Warranty**

Key Benefits

TAKING IN THE VIEWS

Everything you need to bring your favorite content to life with the power of 4K and the extras you crave.

REFINED PICTURE, POWERED BY AI

Alpha 8 AI Processor Gen2 detects what you're watching and automatically improves the picture and sound quality.

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.

POWERFUL COLORS THAT POP

HDR10 Pro delivers a dramatic visual experience and elevated picture quality by enhancing each color on your screen for a "wow" effect.

JUST THE WAY THEY INTENDED

Watch films just how the directors envisioned them with automatic preservations of the director's original colors, settings and frame rate for a true at-home cinematic experience.



Specifications

PICTURE (PANEL)

Display Type	4K UHD
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Direct
Refresh Rate	120Hz Native

PICTURE (PROCESSING)

Picture Processor	a8 AI Processor 4K Gen2
AI Picture	Yes
AI Upscaling	a8 AI Super Upscaling 4K
AI Genre Selection	Yes (SDR/HDR)
AI Brightness Control	Yes
HDR (High Dynamic Range)	HDR10 / HLG
Dynamic Tone Mapping	Yes (Dynamic Tone Mapping Pro)
HDR (High Dynamic Range)	HDR10 / HLG
FILMMAKER MODE™	Yes

GAMING

Game Optimizer	Yes (Game Dashboard)
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes

SMART TV

Operating System	webOS 25
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
Google Cast built-in	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Multi View	-
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Sports	Yes
Matter	Yes
AI Concierge	Yes
AI Search	Yes
AI Chatbot	Yes
Voice ID	Yes
Copilot	Yes
Content Partners	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more

AUDIO

Speaker System	2.0 Channel
Speaker Direction	Down Firing
Dolby Atmos	Yes
AI Sound	a8 AI Sound Pro (Virtual 9.1.2 Up-mix)
Clear Voice Pro	Yes (Auto Volume Leveling)
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)
WOW Orchestra	Yes
Simultaneous Audio Output	Yes

CONNECTIVITY

Wi-Fi® Standard	Yes (Wi-Fi 6E)
Bluetooth® Support	Yes (v 5.3)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC1.0 (Terrestrial), QAM (Cable)
Smartphone Remote App	Yes (LG ThinQ)
HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
HDMI Audio Return Channel	eARC (HDMI 3)
USB Input	2ea (v 2.0)
RF Input (Antenna/Cable)	1ea
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	239 W
Annual Power Consumption	439 kWh/y



Specifications

86UA9000AUC (86.4" 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"
Shipping Dimensions (WxHxD)	83.3" x 47.8" x 9.0"
Stand Width	60.3"
TV Weight with Stand	101.2 lbs
TV Weight without Stand	99.6 lbs
Shipping Weight	128.7 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174119860

ACCESSORIES INCLUDED

Stand	Yes
Remote	Magic Remote MR25
Remote Control Battery	Yes (AAA x 2EA)
Power Cable	Yes (Attached)
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	-
Wall Mount	-
Floor Stand	-

WARRANTY

Limited Warranty	3 Year Parts & Labor
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