LG 4K UHD TV

LG

Life's Good

86UQ7590PUD

LG UHD TV UQ7590

86"

*Class size: See below for details.

- **α7 Gen 5 AI Processor 4K**
- **webOS 22**
- **Ultimate Streaming**
- **Game Optimizer**
- **Sports**

LG UHD

DESCRIPTION

STREAM IT LIKE YOU MEAN IT
Everything you need to bring your favorite content to life with the power of 4K and the extras you crave

KEY FEATURES

α7 Gen 5 AI Processor 4K

SEEING IT IS BELIEVING IT
Experience a lifelike picture with more depth and rich color thanks to our advanced a7 Gen5 AI Processor 4K that adjusts picture quality and sound quality to give you a fabulous experience no matter what you're watching

webOS 22

YOU, ME, & MAYBE THE DOG
Customize your viewing experience with separate accounts and personalized recommendations for every member of your family

Ultimate Streaming

BINGE-WORTHY STREAMING STARTS HERE
Find your faves fast with built-in access to Netflix, Prime Video, Apple TV app, Disney+, HBO Max* and instant access to over 300+ free LG Channels** with everything from comedy to movies to sports

*Internet connection and subscription to streaming services are required. Amazon, Prime Video and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Prime membership and/or Prime Video fees apply. See primevideo.com/terms for details. HBO Max™ ©2022 Warner Media, LLC. All

Game Optimizer

UP YOUR GAME
Make it the best gaming experience by quickly adjusting all your game settings in one location

Sports

REAL TIME & REALLY IMPRESSIVE
Get in the game with a 120Hz refresh rate that can keep up with the action on the court, field, or ice for a sharp, colorful picture from start to finish

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SPECIFICATIONS

PICTURE (PANEL)

Display Type	4K UHD Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Direct
Backlight Dimming Technology	-

PICTURE (PROCESSING)

Picture Processor	α7 Gen 5 AI Processor 4K
AI Picture	Yes
Upscaling	AI 4K Upscaling
Refresh Rate	120Hz Native

SOUND (PROCESSING)

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

HOME CINEMA

HDR	Active HDR (HDR10, HLG) Dynamic Tone Mapping
Dolby Vision IQ	-
Filmmaker Mode	Yes
Magic Explorer	Yes
Next Picks	Yes

GAMING

Game Optimizer	Yes
G-SYNC Compatible	-
FreeSync Premium™	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes
Cloud Gaming	Google STADIA

SMART TV

Operating System	webOS 22
Content Partners	Netflix, HBO Max, 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
Art Gallery	-
Who.Where.What?	Yes
Home Dashboard	Yes
Room to Room Share	Yes (Receiver Only)
Always Ready	-
Ambient Mode	-
"Works With"	Google Assistant, Alexa, Apple Airplay2 and Homekit (Separate device purchase necessary)

AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Ready (Magic Remote Purchase Necessary)
Hands-free Voice Control	-
Magic Remote Control	Ready (Magic Remote Purchase Necessary)
Universal Remote Control	Ready (Magic Remote Purchase Necessary)
Voice Assistants	Google Assistant / Alexa Ready (Magic Remote Purchase Necessary)
Intelligent Voice Recognition	Ready (Magic Remote Purchase Necessary)

AUDIO

Speaker System	2.0 Channel
Output Power	20W
Speaker Direction	Down Firing
Dolby Atmos	-
WiSA Ready	Yes (Separate Dongle Purchase Required) *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

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)	3 (Side)
HDMI 2.1 (4K @ 120Hz)	HDMI 2, 3
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	1 (Rear) / 1 (Side)
RF Connection Input (Antenna/Cable)	1 (Side)
AV Input	-
Ethernet Input	1 (Rear)
RS-232C Input (Mini Jack)	1 (Rear): 86" Only
Digital Audio Output (Optical)	1 (Rear)
Headphone Out	-

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	167.3 W
Annual Power Consumption	308 kWh/y

86UQ7590PUD (TBD DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	75.9" X 45.9" X 14.2"
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	100.5 LBS
TV Weight without Stand	99.6 LBS
Packaging Weight	128.1 LBS
VESA Mounting (W x H)	600 X 400
UPC	195174036730

ACCESSORIES INCLUDED

Remote	Standard Remote
Remote Control Battery	Yes (AAA)
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	-
Wall Mount	LSW640B
Floor Stand	-

DESIGN

TV Color	Grey
Stand Color	Black

WARRANTY

Limited Warranty	1 Year Parts & Labor