

# 86UQ7590

LG UHD TV UQ7590

86"

\* Class size: See below for details.

- **α7 Gen5 AI Processor**
- **webOS 22**
- **Ultimate Streaming**
- **Game Optimizer**
- **Sports**



## 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 Gen5 AI Processor

#### SEEING IT IS BELIEVING IT

Experience a lifelike picture with more depth and rich color thanks to our advanced α7 Gen5 AI Processor 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](https://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

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 Gen5 AI Processor   |
| 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)<br>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                    | NVIDIA GeForce Now, Utoimik  |
| 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)<br>*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   | 195174052006             |
| 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     |