

# UQ7590 Series

## LG UHD TV UQ7590

86" | 70"

\* Class size: See below for details.

- **a7 Gen 5 AI Processor 4K**
- **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

#### a7 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](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

**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	NVIDIA Geforce Now, Utomik

**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
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	70": 97.6 W 86": 167.3 W
Annual Power Consumption	70": 181 kWh/y 86": 308 kWh/y

**86UQ7590PUD (85.6" 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

**70UQ7590PUB (69.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC**

TV Dimensions with Stand (WxHxD)	61.5" x 38.3" x 14.2"
TV Dimensions without Stand (WxHxD)	61.5" x 35.7" x 2.4"
Packaging Dimensions (WxHxD)	69.3" x 42.1" x 7.4"
Stand Width	49.1"
TV Weight with Stand	63.5 lbs
TV Weight without Stand	62.6 lbs
Packaging Weight	80.9 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174032336

**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	86": LSW640B 70": OLW480B
Floor Stand	-

**DESIGN**

TV Color	Grey
Stand Color	Black

**WARRANTY**

Limited Warranty	1 Year Parts & Labor
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