

QNED80 Series

LG QNED TV QNED80

86"

75"

65"

55"

50"

* Class size: See below for details.

- **Quantum Dot NanoCell**
- **a7 AI Processor Gen6**
- **WebOS23 & LG Channels**
- **Home Cinema Experience**
- **Advanced Gameplay**



DESCRIPTION

Cutting-Edge Color with AI Power

The AI-powered LG QNED80 has a super-fast native 120Hz refresh rate, so you see smoother action. The combination of Quantum Dot and NanoCell technologies creates a vivid and immersive experience.

KEY FEATURES

Quantum Dot NanoCell

A passion for color

LG QNED combines cutting-edge Quantum Dots with LG's NanoCell technology to create uniquely bright colorful images. Dimming Pro dynamically adjusts the back lights to maintain deep black levels, allowing you to be immersed. With a native 120Hz refresh rate, you will keep up with the action when watching sports and gaming.

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 vivid 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.

Home Cinema Experience

Elevate your scene

Enhance every moment with virtual 5.1 surround sound for an immersive home theater experience. And, transport yourself to the center of superhero-sized action and galaxies far, far away with LG's FILMMAKER MODE™ that allows you to see films just as the directors intended.

Advanced Gameplay

Amped-up and ready for the win

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

*Subscription and compatible gaming controller are required.

SPECIFICATIONS

PICTURE (PANEL)			
Display Type	4K QNED		
Display Resolution	4K Ultra HD (3,840 x 2,160)		
Backlight Type	Edge		
Refresh Rate	120Hz Native		
Wide Color Gamut	QNED Color		
100% Color Volume	-		
PICTURE (PROCESSING)			
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	Precision Dimming: 86" Dimming Pro: 75", 65", 55", 50"		
Motion	Motion Pro		
GAMING			
Game Optimizer	Yes (Game Dashboard)		
G-Sync Compatible (Nvidia)	-		
FreeSync Compatible (AMD)	Yes		
VRR (Variable Refresh Rate)	Yes		
ALLM (Auto Low Latency Mode)	Yes		
HGIG Mode	Yes		
Cloud Gaming	NVIDIA GeForce Now, Utomik		
SMART TV			
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		
AUDIO			
Speaker System	2.2 Channel: 86" 2.0 Channel: 75", 65", 55", 50", 50"		
Audio Output	40W: 86" 20W: 75", 65", 55", 50", 50"		
Speaker Direction	Down Firing		
Dolby Atmos	-		
AI Sound	AI Sound Pro (Virtual 5.1.2 Up-mix)		
DTS:X (by-pass only)	Yes		
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)		
CONNECTIVITY			
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)		
INPUTS & OUTPUTS			
HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (2 port))		
HDMI Audio Return Channel	eARC (HDMI 3)		
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	-		
POWER			
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz		
Standby Power Consumption	Under 0.5 W		
Power Consumption	86": 155.8 W 75": 109.6 W 65": 101.8 W 55": 77.3 W 50": 68W		
Annual Power Consumption	86": 287 kWh/y 75": 203 kWh/y 65": 189 kWh/y 55": 144 kWh/y 50": 127 kWh/y		

SPECIFICATIONS

86QNED80URA (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	75.7" x 45.8" x 14.1"
TV Dimensions without Stand (WxHxD)	75.7" x 43.5" x 1.8"
Packaging Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	60.3"
TV Weight with Stand	122.3 lbs
TV Weight without Stand	120.1 lbs
Packaging Weight	150.4 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174051573

75QNED80URA (74.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	66" x 40.6" x 14.1"
TV Dimensions without Stand (WxHxD)	66" x 37.9" x 1.2"
Packaging Dimensions (WxHxD)	74" x 43.9" x 7.9"
Stand Width	Normal: 53.1", Hybrid: 20.6"
TV Weight with Stand	74.9 lbs
TV Weight without Stand	72.7 lbs
Packaging Weight	97.9 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174051528

65QNED80URA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	57.3" x 35.5" x 11.6"
TV Dimensions without Stand (WxHxD)	57.3" x 33" x 1.1"
Packaging Dimensions (WxHxD)	65.4" x 38.2" x 6.8"
Stand Width	Normal: 45.9", Hybrid: 16.7"
TV Weight with Stand	50.4 lbs
TV Weight without Stand	49.5 lbs
Packaging Weight	65.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174054703

55QNED8080URA (54.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	48.6" x 30.8" x 10.1"
TV Dimensions without Stand (WxHxD)	48.6" x 28.1" x 1.1"
Packaging Dimensions (WxHxD)	55.9" x 32.9" x 6.4"
Stand Width	42.3"
TV Weight with Stand	34.2 lbs
TV Weight without Stand	33.3 lbs
Packaging Weight	43.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174051405

50QNED8080URA (49.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	44.2" x 28.3" x 10.1"
TV Dimensions without Stand (WxHxD)	44.2" x 25.6" x 1.1"
Packaging Dimensions (WxHxD)	50.2" x 30.5" x 6.4"
Stand Width	37"
TV Weight with Stand	29.3 lbs
TV Weight without Stand	28.4 lbs
Packaging Weight	36.8 lbs
VESA Mounting (W x H)	200 x 200
UPC	195174051375

ACCESSORIES INCLUDED

Wall Mount	-
Remote	Magic Remote
Remote Control Battery	Yes (AA x 2EA)
Power Cable	Yes (Attached): 86" (Detachable): 75", 65", 55", 50"
Quick Start Guide	Yes
E-Manual	Yes

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Stand	-
Wall Mount	WB21LG, LSW640: 86" OLW480: 75", 65", 55" WB21LM: 65", 55", 50" LSW240: 50"
Floor Stand	FS22GB: 65", 55"

DESIGN

TV Color	Ashed Blue
Stand Color	Dark Steel Silver

WARRANTY

Limited Warranty	1 Year Parts & Labor
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