

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	AI Concierge	Yes
Display Resolution	4K Ultra HD (3,840 x 2,160)	Content Partners	Netflix, HBO Max, Prime Video, Disney+, Apple TV, Hulu, Paramount+, Peacock, Youtube TV, Spotify, iHeartRadio and more
Backlight Type	Edge	AUDIO	
Refresh Rate	120Hz Native	Speaker System	2.2 Channel: 86" 2.0 Channel: 75", 65", 55", 50", 50"
Wide Color Gamut	QNED Color	Audio Output	40W: 86" 20W: 75", 65", 55", 50", 50"
100% Color Volume	-	Speaker Direction	Down Firing
PICTURE (PROCESSING)		Dolby Atmos	-
Picture Processor	α7 AI Processor Gen6	AI Sound	AI Sound Pro (Virtual 5.1.2 Up-mix)
AI Picture	AI Picture Pro	DTS:X (by-pass only)	Yes
AI Upscaling	AI Super Upscaling 4K	Clear Voice Pro	Yes
Dynamic Tone Mapping	Yes (Dynamic Tone Mapping)	WiSA Ready	Yes (Up to 2.1 Channel)
HDR (High Dynamic Range)	HDR10 / HLG	Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
Dolby Vision	-	LG Sound Sync	Yes
FILMMAKER MODE™	Yes	Sound Mode Share	Yes
Dimming Technology	Precision Dimming: 86" Dimming Pro: 75", 65", 55", 50"	Bluetooth Surround Ready	Yes (2 Way Playback)
Motion	Motion Pro	CONNECTIVITY	
GAMING		NEXTGEN TV (ATSC 3.0)	-
Game Optimizer	Yes (Game Dashboard)	Wi-Fi Standard	Wi-Fi Certified (Wi-Fi 5)
G-Sync Compatible (Nvidia)	-	Bluetooth Support	Yes (v 5.0)
FreeSync Compatible (AMD)	Yes	IP Control	Yes
VRR (Variable Refresh Rate)	Yes	Simplink (HDMI CEC)	Yes
ALLM (Auto Low Latency Mode)	Yes	TV Tuner	ATSC, Clear QAM
HGIG Mode	Yes	Smartphone Remote App	Yes (LG ThinQ)
Cloud Gaming	NVIDIA Geforce Now, Utomik	INPUTS & OUTPUTS	
SMART TV		HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (2 port))
Operating System (OS)	webOS 23	HDMI Audio Return Channel	eARC (HDMI 3)
ThinQ	Yes	USB Input	2ea (v 2.0)
Intelligent Voice Recognition	Yes	RF Input (Antenna/Cable)	1ea
Magic Remote Control	Built-In	Composite In (AV)	-
Home Hub	Yes	Ethernet Input	1ea
Amazon Alexa (Built-in)	Yes (Built-in)	RS-232C Input (Min Jack)	Yes
Works with Amazon Alexa	Yes	SPDIF (Optical Digital Audio Out)	1ea
Works with Hey Google	Yes	Headphone output	-
Works with Apple Home	Yes	POWER	
Works with Apple Airplay2	Yes	Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Hands-free Voice Control	-	Standby Power Consumption	Under 0.5 W
Next Picks	Yes	Power Consumption	86": 155.8 W 75": 109.6 W 65": 101.8 W 55": 77.3 W 50": 68W
Art Gallery	Yes	Annual Power Consumption	86": 287 kWh/y 75": 203 kWh/y 65": 189 kWh/y 55": 144 kWh/y 50": 127 kWh/y
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		

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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