LG QNED LED TV

QNED80 Series

LG QNED LED 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.

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LG QNED Mini-LED TV

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	4K QNED
Display Resolution	4K Ultra HD (3,840 x 2,160)
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

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LG QNED Mini-LED TV

SPECIFICATIONS

86QNED80URA (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	75.8" x 45.9" x 14.1"
TV Dimensions without Stand (WxHxD)	75.8" x 43.5" x 1.8"
Packaging Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	60.3"
TV Weight with Stand	122.4 lbs
TV Weight without Stand	120.2 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 38" 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	75 lbs
TV Weight without Stand	72.8 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 35.6" x 11.6"
TV Dimensions without Stand (WxHxD)	57.3" x 33.1" x 1.2"
Packaging Dimensions (WxHxD)	65.4" x 38.2" x 6.8"
Stand Width	Normal: 45.9", Hybrid: 16.7"
TV Weight with Stand	50.5 lbs
TV Weight without Stand	49.6 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)	48.7" x 30.8" x 10.1"
TV Dimensions without Stand (WxHxD)	48.7" x 28.2" x 1.2"
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 25.7" x 1.2"
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	TBD
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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