

QNED80UQA Series

LG QNED LED TV QNED80

86"

75"

65"

55"

50"

* Class size: See below for details.

- **α7 Gen 5 AI Processor 4K**
- **Quantum Dot NanoCell Color Technology**
- **Local Dimming**
- **Sports**
- **Gaming**



DESCRIPTION

READY FOR EVERYTHING

Made to keep up with the action in movies, sports or gaming with the fastest refresh rate in our LED lineup, and the latest in TV color technology for a winning experience every time

KEY FEATURES

α7 Gen 5 AI Processor 4K

SEEING IT IS BELIEVING IT

Experience a lifelike picture with more depth and rich color thanks to our advanced α7 Gen5 AI Processor 4K that adjusts picture quality and sound quality to give you a fabulous experience no matter what you're watching

Quantum Dot NanoCell Color Technology

WORTH A THOUSAND WORDS & MORE

Delivering richer, more accurate colors—so you can see it and believe it

Local Dimming

THE ANSWER IS CLEAR

Improves contrast and reduces the halo effect for a clear picture

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

Gaming

GEARED UP FTW

Be at the top of your game with FreeSync™ Premium to experience real-time action, plus the LG Game Optimizer and 2 HDMI 2.1 ports get you (and keep you) in the action

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	4K Quantum Dot NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Direct (86" only), Edge
Backlight Dimming Technology	Local Dimming
Object Brightness Booster	-
Quantum Dot NanoCell Color Technology	Yes
Billion Rich Colors	Yes
100% Color Consistency	-
100% Color Volume	-
PICTURE (PROCESSING)	
Picture Processor	a7 Gen 5 AI Processor 4K
AI Picture	AI Picture Pro
Upscaling	AI 4K Upscaling
Refresh Rate	120Hz Native
SOUND (PROCESSING)	
AI Sound	AI Sound Pro
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	Google STADIA / NVIDIA GEFORCE NOW
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	Yes
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	Yes
Hands-free Voice Control	-
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
Voice Assistants	Google and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes
AUDIO	
Speaker System	2.2 Channel: 86", 75" 2.0 Channel: 65", 55", 50", 50"
Output Power	40W: 86" 20W: 75", 65", 55", 50", 50"
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)	4 (Side)
HDMI 2.1 (4K @ 120Hz)	HDMI ports 3,4

HDMI Audio Return Channel (ARC)	eARC (HDMI 3)
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)
Digital Audio Output (Optical)	1 (Side) : 86" / 1 (Rear) : 75", 65", 55", 50"
Headphone Out	-
POWER	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	86": 155.8 W 75": 109.6 W 65": 101.8 W 55": 77.3 W 50": 68.9 W
Annual Power Consumption	86": 287 kWh/y 75": 203 kWh/y 65": 189 kWh/y 55": 144 kWh/y 50": 129 kWh/y
86QNED80UQA (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	195174029350
75QNED80UQA (74.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	65.9" x 40.5" x 14.1"
TV Dimensions without Stand (WxHxD)	65.9" x 38" x 1.8"
Packaging Dimensions (WxHxD)	71.7" x 43.9" x 7.9"
Stand Width	53.1"
TV Weight with Stand	81.4 lbs
TV Weight without Stand	79.1 lbs
Packaging Weight	100.8 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174028506
65QNED80UQA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	57.2" x 35.7" x 11.6"
TV Dimensions without Stand (WxHxD)	57.2" x 33" x 1.7"
Packaging Dimensions (WxHxD)	65.7" x 42.1" x 8"
Stand Width	45.9"
TV Weight with Stand	54.9 lbs
TV Weight without Stand	54 lbs
Packaging Weight	74.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174028520
55QNED80UQA (54.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	48.5" x 30.7" x 10.1"
TV Dimensions without Stand (WxHxD)	48.5" x 28.2" x 1.7"
Packaging Dimensions (WxHxD)	55.9" x 32.9" x 7.4"
Stand Width	41.7"
TV Weight with Stand	36.8 lbs
TV Weight without Stand	35.9 lbs
Packaging Weight	50.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174028551
50QNED80UQA (49.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	44.1" x 28.3" x 10.1"
TV Dimensions without Stand (WxHxD)	44.1" x 25.7" x 1.9"
Packaging Dimensions (WxHxD)	50.2" x 30.5" x 6.8"
Stand Width	37.2"
TV Weight with Stand	31.7 lbs
TV Weight without Stand	30.9 lbs
Packaging Weight	39.2 lbs
VESA Mounting (W x H)	200 x 200
UPC	195174028728
ACCESSORIES INCLUDED	
Remote	Magic Remote
Remote Control Battery	Yes (AA)
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes
OPTIONAL ACCESSORIES (SOLD SEPARATELY)	
Stand	-
Wall Mount	WB21LGB: 86", 75" / WB21LMB: 65", 55", 50": LSW640B: 86", /LSW440B: 75" / OLW480B: 65", 55" LSW240B: 50"
Floor Stand	-
DESIGN	
TV Color	Black
Stand Color	Black
WARRANTY	
Limited Warranty	1 Year Parts & Labor