

# 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   |
| 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                     | α7 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)<br>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<br>(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<br>(No separate device purchase necessary)   |
| Intelligent Voice Recognition         | Yes  |
| AUDIO                                 |  |
| Speaker System                        | 2.2 Channel: 86", 75"<br>2.0 Channel: 65", 55", 50", 50"   |
| Output Power                          | 40W: 86"<br>20W: 75", 65", 55", 50", 50"   |
| Speaker Direction                     | Down Firing  |
| Dolby Atmos                           | -  |
| WISA Ready                            | Yes (Separate Dongle Purchase Required)<br>*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<br>75": 109.6 W<br>65": 101.8 W<br>55": 77.3 W<br>50": 68.9 W             |
| Annual Power Consumption                            | 86": 287 kWh/y<br>75": 203 kWh/y<br>65": 189 kWh/y<br>55": 144 kWh/y<br>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  |
| DESIGN  |  |
| TV Color  | Black  |
| Stand Color   | Black  |
| WARRANTY  |  |
| Limited Warranty                                    | 1 Year Parts & Labor   |