

QNED83UPA Series

LG QNED Mini-LED TV QNED83

86"

75"

65"

* Class size: See below for details.

- **QNED Mini-LED Display**
- **Quantum Dot NanoCell Color Technology**
- **Mini-LED Backlight**
- **120Hz Native Refresh Rate**
- **Full Array Dimming Pro**



DESCRIPTION

LED TV Brilliance

Synergy in light and color and smooth action of 120Hz refresh rate. QNED MiniLED ushers in revolutionary brightness and contrast with MiniLED in tandem with the maximum color in Quantum Dot NanoCell Color Technology. Coupled with slim design and our most advanced a7 Gen4 AI Processor 4K to optimize every scene.

KEY FEATURES

QNED Mini-LED Display

Discover vivid resolution

The LG Quantum Dot NanoCell display creates brilliant colors and a higher contrast ratio for deeper blacks.

Quantum Dot NanoCell Color Technology

Marvel at stunning color

Quantum Dot and NanoCell Plus combine to deliver richer, more accurate colors.

Mini-LED Backlight

Mini makes a big difference

Tiny LEDs offer a more detailed control, a brighter picture and an ultra-high contrast ratio for smooth, life-like images.

120Hz Native Refresh Rate

Frame-to-frame flow

Reduce blur with up to 240 frames per second— giving fast-moving gaming sequences a crystal-clear look.

Full Array Dimming Pro

See new depths of color

Full Array Dimming Pro's unique dimming zones deliver precise backlit control and an ultra-high contrast ratio.

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	4K Quantum Dot NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Mini-LED
Backlight Dimming Technology	Full Array Dimming Pro
Object Brightness Booster	Yes
Quantum Dot NanoCell Color Technology	Yes
Billion Rich Colors	Yes
100% Color Consistency	Yes
100% Color Volume	Yes
PICTURE (PROCESSING)	
Picture Processor	α7 Gen 4 AI Processor 4K
AI Picture	AI Picture
Upscaling	AI 4K Upscaling
Refresh Rate	120Hz Native
SOUND (PROCESSING)	
AI Sound	AI Sound
TV Sound Mode Share	Yes
Bluetooth Surround Ready	Yes
HOME CINEMA	
HDR	Cinema HDR (Dolby Vision, HDR10, HLG) Dynamic Tone Mapping
Dolby Vision IQ	Yes
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	NVIDIA GEFORCE NOW
SMART TV	
Operating System	webOS 6.0
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
Output Power	40W
Speaker Direction	Down Firing
Dolby Atmos	Yes
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)
Headphone Out	-
POWER	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	86" : TBD 75" : TBD 65" : TBD
Annual Power Consumption	86" : TBD 75" : TBD 65" : TBD
86QNED83UPA (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	75.5" x 45.7" x 14.1"
TV Dimensions without Stand (WxHxD)	75.5" x 43.2" x 1.2"
Packaging Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	57"
TV Weight with Stand	115.7 lbs
TV Weight without Stand	113.5 lbs
Packaging Weight	144.4 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174046449
75QNED83UPA (74.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	65.6" x 40.2" x 14.1"
TV Dimensions without Stand (WxHxD)	65.6" x 37.7" x 1.2"
Packaging Dimensions (WxHxD)	71.7" x 43.9" x 7.9"
Stand Width	55.1"
TV Weight with Stand	81.6 lbs
TV Weight without Stand	79.4 lbs
Packaging Weight	103.4 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174046432
65QNED83UPA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	56.9" x 35.4" x 11.6"
TV Dimensions without Stand (WxHxD)	56.9" x 32.8" x 1.2"
Packaging Dimensions (WxHxD)	65.7" x 42.1" x 10"
Stand Width	47.8"
TV Weight with Stand	59.1 lbs
TV Weight without Stand	58.2 lbs
Packaging Weight	81.8 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174046456
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" / WB21LMC: 65" LSW640B: 86" / LSW440B: 75", 65"
Floor Stand	-
DESIGN	
TV Color	Black
Stand Color	Black
WARRANTY	
Limited Warranty	1 Year Parts & Labor