

# QNED90UQA Series

LG QNED MINI-LED TV QNED90



86"

75"

65"

\* Class size: See below for details.

- **α7 Gen 5 AI Processor 4K**
- **Quantum Dot NanoCell Color Technology**
- **Mini-LED Backlight**
- **Precision Dimming Pro**
- **Gaming**

**Email us** to get on our priority wait list for LG's 65", 75", or 86" 2022 QNED99UKA MiniLED 8K HDR TV



## DESCRIPTION

### MADE TO ENTERTAIN

Calling movie buffs, gamers and sports fanatics, get ready to experience entertainment using the latest in TV color technology and jam-packed with next-level gaming features, Dolby Atmos®\* and Dolby\* Vision™ for a fully loaded, versatile TV.

\*Dolby, Dolby Atmos and the double-D symbol are registered trademarks of Dolby Laboratories.

## 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

### Mini-LED Backlight

#### BRIGHTER & BOLDER

See brighter colors with deeper black thanks to MiniLEDs that are 40x smaller than traditional LEDs

### Precision Dimming Pro

#### GOODBYE, HALO EFFECT

Keep black black and contrast high with Precision Dimming Pro to help minimize the halo effect

### 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	Real 4K Quantum Dot NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Mini-LED
Backlight Dimming Technology	Precision Dimming Pro
Quantum Dot NanoCell Color Technology	Yes
Billion Rich Colors	Yes
100% Color Consistency	Yes
100% Color Volume	Yes

## 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	Cinema HDR (Dolby Vision, HDR10, HLG) Dynamic Tone Mapping Pro
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	Google STADIA / NVIDIA GEFORCE NOW

## SMART TV

Operating System	webOS22
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	Yes (Receiver Only)
Always Ready	Yes
Ambient Mode	Yes
"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	Yes
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 &amp; 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 (Rear, RF)
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 100-240V 50-60Hz
Standby Power Consumption	0.4 W
Typical Power Consumption	86" : 155.2 W 75" : 134 W 65" : 102 W
Annual Power Consumption	86" : 286 kWh/y 75" : 247 kWh/y 65" : 189 kWh/y

## 86QNED90UQA (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	195174028469

## 75QNED90UQA (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	195174028483

## 65QNED90UQA (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	195174028155

## ACCESSORIES INCLUDED

Remote	Magic Remote
Remote Control Battery	Yes (AA)
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

## DESIGN

TV Color	Dark Silver
Stand Color	Dark Silver

## WARRANTY

Limited Warranty	1 Year Parts & Labor
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