

# QNED85T Series

## LG QNED85

86" | 75" | 65" | 55" | 50"

\* Class size: See below for details.

- QNED Contrast
- Quantum Dot NanoCell Color Technology
- 120 Hz Refresh Rate
- a8 AI Processor
- HDR10 Pro



### DESCRIPTION

#### Cutting-Edge Color with AI Power

Go big with the 86" AI-powered LG QNED85 with 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

#### QNED Contrast

##### Enhance Color Contrast

See more natural-looking images. Powerful deep-learning algorithms help improve contrast ratio and enhance brightness so you can watch even more than before.

#### 120 Hz Refresh Rate

##### Fast enough for you

Keep up with fast action games, sports and blockbuster movies with smooth, crisp motion even in the fastest scenes, with a native 120Hz refresh rate.

#### HDR10 Pro

##### Powerful colors that pop

HDR10 Pro delivers a dramatic visual experience and elevated picture quality by enhancing each color on your screen for a "wow" effect.

#### Dimming Pro

##### Up the Clarity

Improves contrast and minimizes the halo effect with more precise lighting control.

\*Local Dimming Pro improves contrast with more precise lighting control

#### FILMMAKER MODE™

##### Bring the movie theater home

Enjoy movies and TV shows upscaled to 4K for a sharper image and more lifelike details.\* See it as the director intended with FILMMAKER MODE™. HDR10 Pro allows you to enjoy the latest HDR content with extended contrast for visuals that pop off the screen.

\*Image quality of upscaled content will vary based on the source resolution.

**PICTURE (PANEL)**

Display Type	4K QNED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Edge
Refresh Rate	120Hz Native
Wide Color Gamut	QNED Color

**PICTURE (PROCESSING)**

Picture Processor	α8 AI Processor 4K
AI Picture	Yes
AI Upscaling	α8 AI Super Upscaling 4K
Dynamic Tone Mapping	Yes (Dynamic Tone Mapping Pro)
HDR (High Dynamic Range)	HDR10 / HLG
FILMMAKER MODE™	Yes
Dimming Technology	Local Dimming
Motion	Motion Pro

**GAMING**

Game Optimizer	Yes (Game Dashboard)
G-SYNC Compatible	-
FreeSync Premium™	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes

**SMART TV**

Operating System	webOS 24
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
Chromecast built-in	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 (Sender/Receiver)
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Matter	Yes
AI Concierge	Yes
Family Settings	Yes

Content Partners	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more
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**AUDIO**

Speaker System	2.0 Channel
Audio Output	20W
Speaker Direction	Down Firing
AI Sound	α8 AI Sound Pro (Virtual 9.1.2 Up-mix)
DTS:X (by-pass only)	Yes
Clear Voice Pro	Yes (Auto Volume Leveling)
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**

Wi-Fi® Standard	Yes (Wi-Fi 5)
Bluetooth® Support	Yes (v 5.1)
IP Control	Yes
Simplink (HDMI CEC)	Yes
TV Tuner	ATSC1.0 (Terrestrial), QAM (Cable)
Smartphone Remote App	Yes (LG ThinQ)
HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 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 (Mini Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea
Headphone Out	-

**POWER**

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	86": 201 W
	75": 165 W
	65": 128 W
	55": 100 W
Annual Power Consumption	86": 370 kWh/y
	75": 304 kWh/y
	65": 236 kWh/y
	55": 185 kWh/y
50": 87 W	
50": 162 kWh/y	

**86QNED85TUA (86.4" DIAGONAL) DIMENSIONS/WEIGHTS/UPC**

TV Dimensions with Stand (WxHxD)	75.9" x 46.3" x 14.1"
TV Dimensions without Stand (WxHxD)	75.8" x 43.6" x 1.2"
Shipping Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	Position 1 = 62.2", Position 2 = 20.6"
TV Weight with Stand	112.4 lbs
TV Weight without Stand	110.2 lbs
Shipping Weight	140.2 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174079454

**75QNED85TUA (75.1" 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"
Shipping Dimensions (WxHxD)	74" x 43.9" x 7.9"
Stand Width	Position 1: 53.1", Position 2: 20.6"
TV Weight with Stand	75 lbs
TV Weight without Stand	72.8 lbs
Shipping Weight	97.9 lbs
VESA Mounting (W x H)	400 x 300
UPC	195174078105

**65QNED85TUA (65.1" 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"
Shipping Dimensions (WxHxD)	65.4" x 38.2" x 6.8"
Stand Width	Position 1: 45.9", Position 2: 16.7"
TV Weight with Stand	50.5 lbs
TV Weight without Stand	49.6 lbs
Shipping Weight	65.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174078099

**55QNED85TUA (55.2" 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"
Shipping Dimensions (WxHxD)	53.5" x 31.9" x 6.0"
Stand Width	42.3"
TV Weight with Stand	33.7 lbs
TV Weight without Stand	32.8 lbs
Shipping Weight	42.3 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174076002

**50QNED85TUA (50" 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"
Shipping Dimensions (WxHxD)	50.2" x 30.5" x 6.4"
Stand Width	37.0"
TV Weight with Stand	29.5 lbs
TV Weight without Stand	28.7 lbs
Shipping Weight	36.6 lbs
VESA Mounting (W x H)	200 x 200
UPC	195174076637

**ACCESSORIES INCLUDED**

Remote	Magic Remote MR24
Remote Control Battery	Yes (AA x 2EA)
Power Cable	Yes (Detachable)
Quick Start Guide	Yes
E-Manual	Yes

**OPTIONAL ACCESSORIES (SOLD SEPARATELY)**

Stand	-
	86": LSW640
	75": OLW480
Wall Mount	65": WB21LM, OLW480
	55": WB21LM, OLW480
	50": WB21LM, LSW240
Floor Stand	65": FS22GB
	55": FS22GB

**WARRANTY**

Limited Warranty	1 Year Parts & Labor
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