LG QNED TV

QNED90T Series

QNED90 QNED Mini LED

86" | 75" | 65"

* Class size: See below for details.

- QNED Contrast
- Quantum Dot NanoCell Color Technology
- MiniLED Backlighting with Precision Dimming
- Home Theater Experience with Dolby Vision, Filmmaker Modes and Dolby Atmos®
- a8 AI Processor
- Advanced Gameplay

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DESCRIPTION

Radiant color, refined with AI
Experience vivid, luminous colors and deep blacks with LG QNED's combination of quantum dot and NanoCell technology illuminated by Mini LEDs for an exhilarating watching experience.

KEY FEATURES

QNED Contrast

Brighter Colors
TV entertainment never looked better thanks to our Mini LED technology, for incredibly bright colors you can feel. Hundreds of miniature LED backlight zones operate independently, for movies with excellent dark-level detail and deep blacks, while minimizing halo effects.

a8 AI Processor

Refined picture, powered by AI
No more fiddling with picture settings. The 8 AI Processor 4K with AI Picture Pro identifies the type of content you're watching to automatically select the ideal setting and fine-tune the picture for the best watching experience and with Multi View with 2 screens lets you split your screen into two unique views so you can watch even more than before.

*Muti View may display 1-HDMI input, screen share, or select apps.

webOS 24 & LG Channels

A galaxy of entertainment at your fingertips
No matter which TV you choose, your LG TV makes it easier than ever to find what you need and more. Browse all your favorite streaming apps and let LG Channels connects you to 300+ free channels of sports, fitness, cooking and more.*

*Internet connection and subscriptions to streaming services are required; number of LG Channels subject to change.

Quantum Dot NanoCell Color Technology

Sensational color
Only LG Quantum Dot TVs add a nanocell layer that removes unwanted light for richer more colorful picture with extended contrast.

Advanced Gameplay

Amped-up and ready for the win
Experience real-time action with virtually no tearing from FreeSync™, VRR and GeForce NOW for cloud gaming.* Plus, the LG Game Optimizer, Game Dashboard and four HDMI 2.1 ports get you (and keep you) in the action.

*Subscription and compatible gaming controller are required.

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PICTURE (PANEL)	
Display Type	4K QNED MiniLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Mini LED
Refresh Rate	120Hz Native
Wide Color Gamut	QNED Color Pro
100% Color Volume	Yes
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)	Dolby Vision / HDR10 / HLG
Dolby Vision	Yes
FILMMAKER MODE™	Yes
Dimming Technology	Precision Dimming
Motion	Motion Pro
GAMING	
Game Optimizer	Yes (Game Dashboard)
FreeSync Compatible (AMD)	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGIG Mode	Yes
SMART TV	
Operating System (OS)	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 (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
AUDIO	
Speaker System	2.2 Channel
Audio Output	40W
Speaker Direction	Down Firing
Dolby Atmos	Yes
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)
INPUTS & OUTPUTS	
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
Ethernet Input	1ea
RS-232C Input (Min Jack)	Yes
SPDIF (Optical Digital Audio Out)	1ea
POWER	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Power Consumption	86": 206 W 75" 165 W 65": 137 W
Annual Power Consumption	86": 379 kWh/y 75": 304 kWh/y 65": 253 kWh/y

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86QNED90TUA (86.4" 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"
Shipping Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	60.3"
TV Weight with Stand	130.3 lbs
TV Weight without Stand	128.1 lbs
Shipping Weight	158.3 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174075999
75QNED90TUA (75.1" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	65.9" x 40.4" x 14.1"
TV Dimensions without Stand (WxHxD)	65.9" x 37.9" x 1.8"
Shipping Dimensions (WxHxD)	71.7" x 43.9" x 7.9"
Stand Width	Position 1: 53", Position 2: 20.6"
TV Weight with Stand	94.6 lbs
TV Weight without Stand	92.4 lbs
Shipping Weight	114.6 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174077399
65QNED90TUA (65.1" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	57.2" x 35.6" x 11.6"
TV Dimensions without Stand (WxHxD)	57.2" x 33" x 1.8"
Shipping Dimensions (WxHxD)	65.7" x 42.1" x 8.0"
Stand Width	Position 1: 45.8", Position 2: 16.7"
TV Weight with Stand	69.2 lbs
TV Weight without Stand	68.3 lbs
Shipping Weight	88.2 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174076767

ACCESSORIES INCLUDED	
Wall Mount	-
Remote	Magic Remote MR24
Remote Control Battery	Yes (AA x 2EA)
Power Cable	Yes (Attached)
Quick Start Guide	Yes
E-Manual	Yes
OPTIONAL ACCESSORIES (SOLD SEPARATELY)	
Stand	-
Wall Mount	86": WB21LG, LSW640 75": WB21LG, LSW430 65": WB21LM, LSW430
Floor Stand	-
WARRANTY	
Limited Warranty	1 Year Parts & Labor

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