

# NANO81ANA Series

LG NanoCell TV Nano81

65" 55" 49"

\* Class size: See below for details.

- Real 4K NanoCell Display
- Nano Color, Nano Accuracy, Nano Bezel
- Local Dimming
- webOS & ThinQ AI w/ Magic Remote
- Google Assistant & Alexa Built-in, Apple Airplay2 | Homekit



## DESCRIPTION

LG NanoCell TV Nano81 is powerful 4K LED TV.

Enjoy 4K movies, sports and gaming. See lifelike picture of Nano Color. Enjoy wide viewing with Nano Accuracy. Witness deep black and contrast made possible through the balanced lighting of Local Dimming. It's an experience backed by processor, connected home features and gaming tech that elevate the LED experience.

## KEY FEATURES

### Real 4K NanoCell Display

See LG NanoCell TV bring 4K to life. It's a 4K picture that defines quality. Over 8.3 million active pixels of 4K deliver 4 times the resolution of full HD. See the natural, lifelike color of Nano Color, precise color at wide angles with Nano Accuracy, and deeper black and contrast of precisely balanced lighting.

### Local Dimming

Deeper black and enhanced contrast. Lighting you'll love in your movies, sports, and games. Local Dimming balances backlighting wherever your scenes need it for deeper black and enhanced contrast.

### webOS + Magic Remote

Entertainment at your command. LG's fan-favorite webOS platform makes it surprisingly fast and easy to stream movies and shows with your favorite apps and find new obsessions based on what you like. While our Magic Remote lives up to its name with voice and motion control — just speak or simply point, scroll and click.

### Quad Core Processor 4K

Processing power upgrades every scene. Instant and intelligent. Our Quad Core Processor paints images, action, and color in the best possible light from source to screen.

### Apple Airplay 2 | HomeKit

The best of Apple is here. Apple Airplay 2\* and Apple HomeKit are built in. Cast entertainment from Apple devices to your TV using Airplay 2, including Apple's vast library of content. Also use your Apple devices to configure, customize, and control your smart home using HomeKit.

\*Some features may require 3rd party service subscription.

## SPECIFICATIONS

PICTURE (PANEL)	
Display Type	Real 4K NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Edge
Backlight Dimming Technology	Local Dimming

PICTURE (PROCESSING)	
Picture Processor	Quad Core Processor 4K
Refresh Rate	TruMotion 120 (Native 60Hz)
HDR (High Dynamic Range)	Active HDR (HDR10, HLG) HDR Dynamic Tone Mapping
Contrast	Ultra Luminance
Clarity	Double Step Noise Reduction Sharpness Enhancer
Color	Nano Color Billion Rich Colors* Advanced Color Enhancer True Color Accuracy
Resolution Upscaler	4K Upscaler

GAMING	
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes (available after software update)

AI TV (ARTIFICIAL INTELLIGENCE)	
LG ThinQ® AI	Yes
Google	Google Assistant Built-In "Works with" Google Assistant
Alexa	Alexa Built-In "Works with" Alexa
Apple	Apple Airplay2, Apple Homekit
Intelligent Voice Recognition	Yes
Home Dashboard	Yes

SMART TV	
Operating System	webOS
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
LG Channels	Yes
LG Content Store (App Store)	Yes
Full Web Browser	Yes
Sports Alert	Yes

AUDIO	
Speaker System	2.0 Channel
Output Power	20 W
Speaker Direction	Down Firing
AI Sound Pro / AI Sound	AI Sound
Surround Mode	Ultra Surround
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
Bluetooth Sound Ready	Yes
LG Sound Sync	Yes

CONNECTIVITY	
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)	2 (rear) / 2 (side)
HDMI Audio Return Channel (ARC)	ARC (HDMI 2)
USB Ports (v 2.0)	1 (rear) / 1 (side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear)
Ethernet Input	1 (rear)
Digital Audio Output (Optical)	1 (rear)

POWER	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
Power Consumption	TBD
Annual Power Consumption	TBD

65NANO81ANA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	57.1" x 35.8" x 12.8"
TV Dimensions without Stand (WxHxD)	57.1" x 33.1" x 2.5"
Packaging Dimensions (WxHxD)	65.4" x 40.7" x 8.1"
Stand Width	32.7"
TV Weight with Stand	56.9 lbs
TV Weight without Stand	53.1 lbs
Packaging Weight	74.1 lbs
VESA Mounting (W x H)	300 x 300
UPC	719192637016

55NANO81ANA (54.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	48.5" x 30.9" x 10.4"
TV Dimensions without Stand (WxHxD)	48.5" x 28.2" x 2.5"
Packaging Dimensions (WxHxD)	55.9" x 34.6" x 7.5"
Stand Width	33.1"
TV Weight with Stand	41.2 lbs
TV Weight without Stand	37.9 lbs
Packaging Weight	54 lbs
VESA Mounting (W x H)	300 x 300
UPC	719192637009

49NANO81ANA (48.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	43.1" x 28" x 10.4"
TV Dimensions without Stand (WxHxD)	43.1" x 25.2" x 2.5"
Packaging Dimensions (WxHxD)	49.3" x 31.9" x 6.9"
Stand Width	33.1"
TV Weight with Stand	34.2 lbs
TV Weight without Stand	30.9 lbs
Packaging Weight	42.1 lbs
VESA Mounting (W x H)	TBD
UPC	719192638488

ACCESSORIES INCLUDED	
Remote	Magic Remote Included
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

WARRANTY	
Limited Warranty	1 Year Parts & Labor

\*Billion Rich Colors is achieved through 10 bit dithering.