

NANO99UPA Series

LG NanoCell TV NANO99

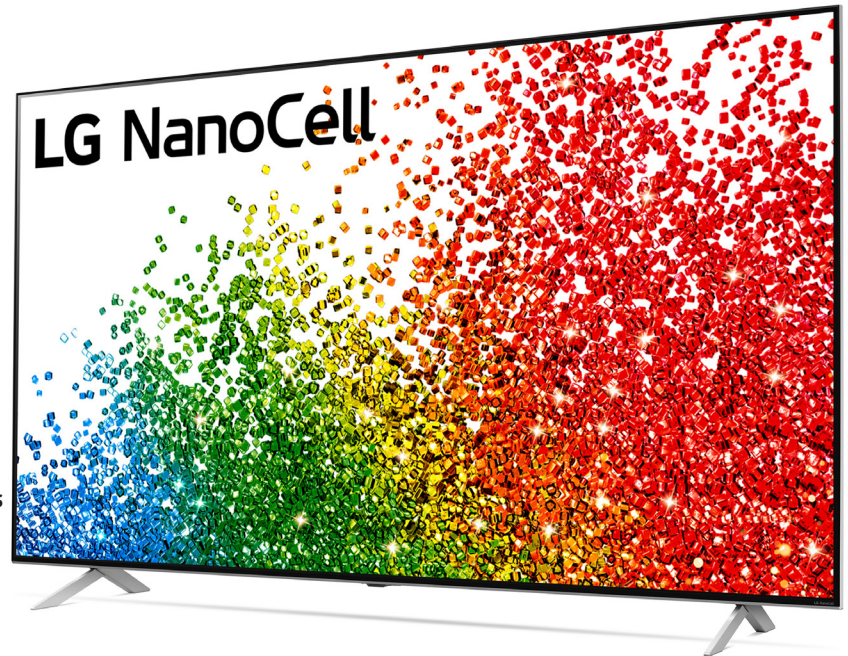
86"

75"

65"

* Class size: See below for details.

- **Real 8K NanoCell Display**
w/ Full Array Dimming Pro
- **α9 Gen 4 AI Processor 8K**
w/ AI Picture Pro + AI Sound Pro
- **TruMotion 240: Native 120Hz**
- **Home Cinema Experience:**
Dolby Vision IQ, Dolby Atmos, Filmmaker Mode,
Netflix, Prime Video, Apple TV+, Disney+, LG Channels



DESCRIPTION

Even the details have more detail.

Experience everything in more detail with LG NanoCell 8K. Our most advanced 8K AI processor optimizes composition, black, light and color in every scene. See natural, lifelike picture elevated by Nano Color Pro and the fast action of native 120Hz refresh rate, wide viewing and the deep blacks and contrast of Full Array Dimming Pro. And, AI 8K upscaling makes everything you watch – including non-8K content – look like 8K.

65 Only:
Experience everything in more detail with LG NanoCell 8K. Our most advanced 8K AI processor optimizes composition, black, light and color in every scene. See natural, lifelike picture elevated by Nano Color Pro and the fast action of native 120Hz refresh rate, wide viewing and the deep blacks and contrast of Full Array Dimming Pro. And, AI 8K upscaling makes everything you watch – including non-8K content – look like 8K. *Image quality of upscaled content will vary based on the source resolution.

KEY FEATURES

Real 8K NanoCell Display

Bright. Black. Bold.

Bring your favorite shows to life with bright, vivid NanoCell 8K. Full Array Dimming Pro brings you more brilliant colors, deep blacks and revolutionary backlight control. And with Nano Color Pro, you'll see natural, lifelike picture enhanced by a billion rich colors*.

65 Only : Bring your favorite shows to life with bright, vivid NanoCell 8K. Full Array Dimming brings you more brilliant colors, deep blacks and revolutionary backlight control. And with Nano Color Pro, you'll see natural, lifelike picture enhanced by a billion rich colors*.

*Achieved through 10 bit dithering.

α9 Gen 4 AI Processor 8K

Vivid detail powered by the latest 8K processor.

The α9 Gen 4 AI Processor 8K is specifically engineered to power 8K performance, detecting and enhancing every detail you see on screen. Even your non-8K content looks like 8K with AI 8K Upscaling. Plus, AI Picture Pro and AI Sound Pro give you clearer, smoother images and maximum sound quality.

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TruMotion 240 (Native 120Hz)

Frame-to-frame flow.

TruMotion 240 technology reduces blur to sharpen every detail with up to 240 frames per second– giving fast-moving gaming sequences a crystal-clear look for picture that moves with you.

Home Cinema Experience

Bring cinema home.

Get breathtaking picture and audio that makes you feel like you're in the action with Cinema HDR, Dolby Vision IQ & Dolby Atmos. See movies exactly how directors intended with Filmmaker Mode. And with built-in access to Netflix, Prime Video, Apple TV+, Disney+ and LG channels, your favorite content is at your fingertips.

Ultimate Gameplay

Level up to smooth gaming.

Gameplay goes even further with Game Optimizer which gives you easier access to all your game settings, Auto Low-Latency Mode and more dynamic gaming of HGiG.

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	Real 8K NanoCell Display
Display Resolution	8K Ultra HD (7,680 x 4,320)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Slim Direct
Backlight Dimming Technology	Full Array Dimming Pro: 86", 75" Full Array Dimming: 65"
Nano Color	Yes
Billion Rich Colors	Yes
100% Color Consistency	Yes
PICTURE (PROCESSING)	
Picture Processor	α9 Gen 4 AI Processor 8K
AI Picture	AI Picture Pro
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)
Upscaling	AI 8K Upscaling
Refresh Rate	TruMotion 240 (120Hz Native)
Motion	NanoCell Motion Pro
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)
Dolby Vision IQ	Yes
Filmmaker Mode	Yes
Magic Explorer	Yes
Next Picks	Yes
GAMING	
Game Optimizer	Yes
G-SYNC Compatible	-
FreeSync Premium™	-
VRR (Variable Refresh Rate)	-
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes
SMART TV	
Operating System	webOS
Content Partners	Netflix, 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
Gallery Mode	Yes
Who.Where.What?	Yes
Home Dashboard	Yes
"Works With"	Hey Google, 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 Assistant Built-in and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes
AUDIO	
Speaker System	4.2 Channel
Output Power	60W
Speaker Direction	Down Firing
Dolby Atmos	Yes
WiSA Ready	Yes (Separate Dongle Purchase Required) *Up to 5.1 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 802.11ax (Wifi 6)
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)
Latest HDMI (4K @ 120Hz)	HDMI 1, 2, 3, 4
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	2 (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 (Rear)
Headphone Out	-
POWER	
Power Supply (Voltage, Hz)	AC 100~240V 50-60Hz
Standby Power Consumption	Under 0.5W
Typical Power Consumption	86": 328.7W 75": 248.9W 65": 227.5W
Annual Power Consumption	86": 603 kWh/y 75": 457 kWh/y 65": 418 kWh/y
86NANO99UPA (85.6" 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"
Packaging Dimensions (WxHxD)	83.3" x 47.8" x 9"
Stand Width	60.3"
TV Weight with Stand	137.6 lbs
TV Weight without Stand	135.4 lbs
Packaging Weight	165.6 lbs
VESA Mounting (W x H)	600 x 400
UPC	195174008782
75NANO99UPA (74.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	65.9" x 40.5" x 14.1"
TV Dimensions without Stand (WxHxD)	65.9" x 37.9" x 1.8"
Packaging Dimensions (WxHxD)	71.7" x 43.9" x 7.9"
Stand Width	Normal: 53" Hybrid: 20"
TV Weight with Stand	95 lbs
TV Weight without Stand	92.8 lbs
Packaging Weight	116 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174008126
65NANO99UPA (64.5" 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"
Packaging Dimensions (WxHxD)	65.7" x 42.1" x 8"
Stand Width	Normal: 45.8" Hybrid: 16.7"
TV Weight with Stand	70.1 lbs
TV Weight without Stand	69.2 lbs
Packaging Weight	92.2 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174007501
ACCESSORIES INCLUDED	
Remote	Magic Remote w/ Magic Tap (NFC)
Remote Control Battery	Yes (AA)
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes
WARRANTY	
Limited Warranty	1 Year Parts & Labor