

NANO80UPA Series

LG NanoCell TV Nano80

75"

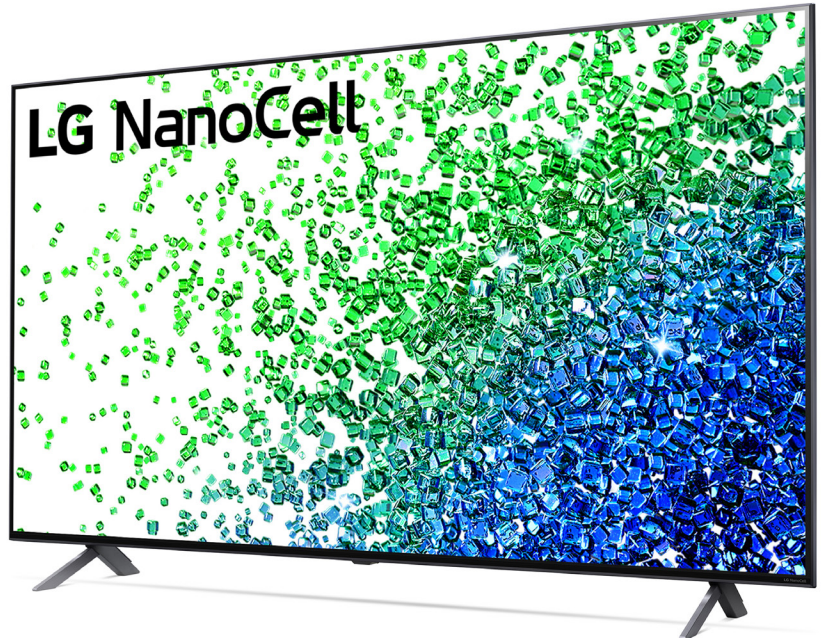
65"

55"

50"

* Class size: See below for details.

- **Real 4K NanoCell Display w/ Local Dimming**
- **Quad Core Processor 4K**
- **Home Cinema Experience:**
Active HDR, HDR10, Filmmaker Mode, Netflix, Prime Video, Apple TV+, Disney+, LG Channels
- **Ultimate Gameplay:**
Game Optimizer, ALLM, eARC, HGiG



DESCRIPTION

Better contrast in everything you watch.

Movies and sports are on full display. Local dimming brings you deep blacks and more balanced lighting to everything you see. NanoCell colors your world with the lifelike picture of Nano Color, enriched with a billion rich colors, as well as Local Dimming lighting control. It's an experience furthered by connected home features and an advanced processor.

*Achieved through 10 bit dithering.

KEY FEATURES

Real 4K NanoCell Display w/ Local Dimming

Discover the brilliance of NanoCell.

Bring your favorite shows to life with bright, vivid NanoCell. Local dimming brings you deep blacks and more balanced lighting. And with Nano Color, you'll see natural, lifelike picture enhanced by a billion rich colors*.

*Achieved through 10 bit dithering.

Quad Core Processor 4K

Enhance every scene.

Our Quad Core Processor 4K gives you a smooth, crisp viewing experience with enhanced contrast, color and blacks.

Home Cinema Experience

Bring cinema home.

See and feel like you're in the action with Active HDR. 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 dynamic gaming of HGiG.

ThinQ AI

TV with and IQ.

Control your LG smart products and other smart devices right from your TV with Home Dashboard or with the Magic Remote voice control. ThinQ AI plus Google Assistant and Alexa built-in let you control your entire connected home.

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	Real 4K NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	-
Backlight Type	Edge
Backlight Dimming Technology	Local Dimming
Nano Color	Yes
Billion Rich Colors	Yes*
100% Color Consistency	-
PICTURE (PROCESSING)	
Picture Processor	Quad Core Processor 4K
AI Picture	-
Auto Genre Selection	-
Upscaling	4K Upscaling
Refresh Rate	TruMotion 120 (60Hz Native)
Motion	-
SOUND (PROCESSING)	
AI Sound	Yes
TV Sound Mode Share	Yes
Bluetooth Surround Ready	Yes
HOME CINEMA	
HDR	Active HDR (HDR10, HLG)
Dolby Vision IQ	-
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	-
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	2.2 Channel: 75", 2.0 Channel: 65", 55", 50"
Output Power	40W: 75", 20W: 65", 55", 50"
Speaker Direction	Down Firing
Dolby Atmos	-
WiSA Ready	-
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 & OUTPUTS	
HDMI Input (HDCP 2.2)	4(Side)
Latest HDMI (4K @ 120Hz)	-
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
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 (Rear)
Headphone Out	-
POWER	
Power Supply (Voltage, Hz)	AC 100-240V 50-60Hz
Standby Power Consumption	Under 0.5W
Typical Power Consumption	75": 96.4W 65": 80.8W 55": 67.4W 50": 52.9W
Annual Power Consumption	75": 179 kWh/y 65": 150 kWh/y 55": 126 kWh/y 50": 99 kWh/y

75NANO80UPA (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 38" x 1.8"
Packaging Dimensions (WxHxD)	71.7" x 43.9" x 7.9"
Stand Width	53.1"
TV Weight with Stand	81.4 lbs
TV Weight without Stand	79.1 lbs
Packaging Weight	100.8 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174006108

65NANO80UPA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	57.2" x 35.7" x 11.6"
TV Dimensions without Stand (WxHxD)	57.2" x 33" x 1.7"
Packaging Dimensions (WxHxD)	65.7" x 42.1" x 8"
Stand Width	45.9"
TV Weight with Stand	54.9 lbs
TV Weight without Stand	54 lbs
Packaging Weight	74.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174005903

55NANO80UPA (54.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	48.5" x 30.7" x 10.1"
TV Dimensions without Stand (WxHxD)	48.5" x 28.2" x 1.7"
Packaging Dimensions (WxHxD)	55.9" x 32.9" x 7.4"
Stand Width	41.7"
TV Weight with Stand	36.8 lbs
TV Weight without Stand	35.9 lbs
Packaging Weight	50.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174005811

50NANO80UPA (48.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	44.1" x 28.3" x 10.1"
TV Dimensions without Stand (WxHxD)	44.1" x 25.7" x 1.9"
Packaging Dimensions (WxHxD)	50.2" x 30.5" x 6.8"
Stand Width	37.2"
TV Weight with Stand	31.7 lbs
TV Weight without Stand	30.9 lbs
Packaging Weight	39.2 lbs
VESA Mounting (W x H)	200 x 200
UPC	195174006177

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

WARRANTY	
Limited Warranty	1 Year Parts & Labor

*Billion Rich Colors achieved via Dithering