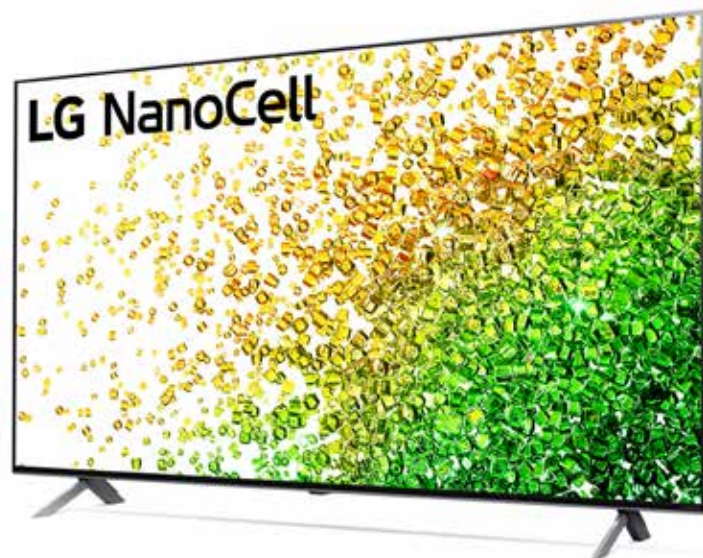


# LG NanoCell

## 50NANO85APA

LG NANO85 50" 4K Smart NanoCell TV

- **Real 4K NanoCell Display: Nano Colour, Nano Accuracy, Nano Bezel, Local Dimming**
- **α7 Gen 4 Processor 4K with AI Picture & AI Sound**
- **webOS® 6.0 & ThinQ® AI w/ Magic Remote**
- **Cinema HDR w/ Dolby Vision™ IQ and Dolby Atmos®**
- **Gaming: VRR, ALLM, HGiG, Game Optimizer**



### DESCRIPTION

#### LG NanoCell TV Nano85 steps up 4K LED TV

4K movies, sports and gaming like you've never seen on an LG LED TV. See the natural, lifelike picture of Nano Colour. Enjoy wide viewing with Nano Accuracy. Witness deep black and contrast made possible through the well-balanced lighting of Local Dimming. It's an experience backed by AI Picture and AI Sound, our premium processor, connected home features and cutting-edge gaming tech that push 4K LED to new heights.

### KEY FEATURES

#### Real 4K NanoCell Display

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 colour of Nano Colour, precise colour at wide angles with Nano Accuracy, and deeper black and contrast of precisely balanced lighting.

#### α7 Gen 4 Processor 4K

At the core of LG NanoCell TV is the α7 Gen4 AI Processor 4K, a groundbreaking chip that uses machine learning to analyze and optimize content. Every adjustment to picture and sound is automatic, so everything you watch is spectacular.

#### webOS® 6.0 & ThinQ® AI w/ Magic Remote

The newly designed home screen shows personalized content suggestions, gives you easier access to favourites, and lets you control connected devices all in one place. The redesigned Magic Remote has an ergonomic design that's easy to hold, and its point and scroll system allows faster searching. Built-in AI provides easy access to services, while hotkeys for major content providers give you shortcuts to all your favourites.

#### Cinema HDR w/ Dolby Vision™ IQ and Dolby Atmos®

Dolby Vision™ IQ intelligently adjusts picture settings based on content genre and ambient surroundings, while Dolby Atmos® delivers multi-dimensional surround sound — a powerful combination that produces breathtakingly cinematic results\*.

#### Gaming: VRR, ALLM, HGiG, Game Optimizer

LG NanoCell TV gives you a gaming advantage. AI-powered picture quality transports you to the moment. Game Optimizer menu lets you adjust picture settings, optimize graphics and visibility, to deliver a better gaming experience no matter what type of game you're playing.

\*Dolby Vision is a trademark of Dolby Laboratories. Dolby, Dolby Atmos and the double-D symbol are registered trademarks of Dolby Laboratories.

## SPECIFICATIONS

### PICTURE (PANEL)

Display Type	4K NanoCell
Display Resolution	3840 x 2160
NanoCell Display	Yes
Dimming Technology	Local Dimming
Backlight Type	Edge

### PICTURE (PROCESSING)

Picture Processor	α7 Gen4 Processor 4K
Refresh Rate	TruMotion 240 (Native 120Hz)
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision™, HDR10, HLG) HDR Dynamic Tone Mapping Dolby Vision™ IQ
Contrast	Face Enhancing Ultra Luminance
Clarity	Double Step Noise Reduction Sharpness Enhancer
Colour	Billion Rich Colours Advanced Colour Enhancer True Colour Accuracy
Resolution Upscaler	AI Upscaler
Motion	Motion Pro
Filmmaker Mode™	Yes

### GAMING

Game Optimizer	Yes
FreeSync™	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes

### AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Google Home Compatibility	Yes (Google Home device sold separately)
Amazon Alexa Compatibility	Yes (Amazon Alexa device sold separately)
Google Assistant Built-in	Yes
Amazon Alexa Built-in	Yes
Apple AirPlay 2 / HomeKit Compatibility	Yes
Intelligent Voice Recognition	Yes
Home Dashboard	Yes
AI Picture Pro / AI Picture	AI Picture
Auto Genre Selection	Yes (Dolby HDR Only)

### SMART TV

Operating System	webOS® 6.0
LG Channels	Yes
LG Content Store (App Store)	Yes
Full Web Browser	Yes
Gallery Mode	Yes
Sports Alert	Yes

### AUDIO

Speaker System	2.0 ch
Output Power	20W (10W per Channel)
Speaker Direction	Down Firing
AI Sound Pro / AI Sound	AI Sound
Dolby Atmos®	Yes
WiSA Ready	Yes (5.1ch) (Separate dongle purchase required)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X
Bluetooth Surround Ready	Yes
LG Sound Sync	Yes

### CONNECTIVITY

Wi-Fi® Standard	Wi-Fi Certified 802.11 ac
Bluetooth® Support	Version 5.0
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC, Clear QAM
Mobile Connectivity	Yes

### INPUTS & OUTPUTS

HDMI Input	4 (Side)
Audio Return Channel (ARC)	eARC (HDMI 3)
USB Ports (v 2.0)	2 (Rear) / 1 (Side)
Composite Input (AV)	No
Ethernet Input	Yes
RS-232C Input (Mini Jack)	Yes (Rear)
Digital Audio Output (Optical)	Yes

### POWER

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

### DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	1120 x 718 x 257 mm / 44.09" x 28.27" x 10.12"
TV Dimensions without Stand (WxHxD)	1120 x 635 x 49.2 mm / 44.09" x 25" x 1.94"
Packaging Dimensions (WxHxD)	1275 X 775 X 172 / 50.2" x 30.51" x 6.77"
Stand Dimension (WxD)	945 x 257 mm / 37.20" x 10.12"
TV Weight with Stand	14.4 kg / 31.75 lbs
TV Weight without Stand	14 kg / 30.86 lbs
Packaging Weight	17.8 kg / 39.24 lbs
VESA Mounting (W x H)	200 x 200
UPC	195174006153

### ACCESSORIES INCLUDED

Magic Remote Control	Included in box
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

### WARRANTY

Limited Warranty	1 Year Parts & Labour
Model Year	2021

