

# SM9070PUA Series

Nano 9 Series - 4K HDR Smart LED NanoCell TV w/ AI ThinQ®

86"

75"

\* Class size: See below for details.

- **Ultra Large - 75" & 86"**
- **LG ThinQ® AI | Google Assistant | Alexa**
- **LG α7 Gen 2 Intelligent Processor**
- **Full Array Local Dimming**
- **Nano Cell Display**
- **Dolby Vision™ | Dolby Atmos®**



## DESCRIPTION

LG's largest LED displays are every inch a thing of beauty. Whether you go with the 86" or 75" Nano Cell Display, you'll enjoy an experience that's larger than life. Movies, sports and gaming get a boost of realistic color from Nano Accuracy and the full spectrum of Nano Color. LG's powerful processor enriches your content. High-level dimming control brings precise lighting across the backlight. Dolby integrates picture and sound technologies. And the intelligence of LG ThinQ® and the voice control of the Google Assistant\* and Alexa\*\* are built-in for entertainment and home control. Go Ultra Large. There's never been a bigger reason to choose an LG NanoCell TV.

\*Service limited to certain languages. Some features require 3rd party service subscriptions.

\*\*Available via firmware update later in 2019.

## KEY FEATURES

### LG ThinQ® AI

The world's most intelligent TVs listen, think and answer to provide the ultimate in personalized entertainment and control over your smart home.

### LG α7 Gen 2 Intelligent Processor

The innovative α7 Gen 2 Intelligent Processor is at the center of intelligent enhancement of images, action and color. A powerful processor empowered by AI at its core.

### Full Array Local Dimming

Discover lifelike picture quality, deeper black levels and enhanced contrast with precise lighting and accuracy across the entire LED backlight display.

### Nano Cell TV 4K

Bring home LG's best LED TV ever. The NanoCell™ Display provides greater color accuracy and unveils a spectrum of a billion rich colors.

\*Billion Rich Colors is achieved through 10 bit dithering

### Dolby Vision™ & Dolby Atmos®

Advanced image and sound technologies inspired by the cinema optimize picture and sound for a spectacular, more lifelike experience in every scene — it's ultravivid picture and powerful, moving audio that seems to flow all around you.\*

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

# LG NanoCell TV

## SPECIFICATIONS

### PICTURE (PANEL)

Display Type	NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Slim Direct
Backlight Dimming Technology	Full Array Local Dimming

### PICTURE (PROCESSING)

Picture Processor	α7 Gen 2 Intelligent Processor
Refresh Rate	TruMotion 240 (Native 120Hz)
HDR (High Dynamic Range)	4K Cinema HDR (Dolby Vision®, HDR10, HLG) HDR Dynamic Tone Mapping Pro
Contrast	Object Depth Enhancer Ultra Luminance Pro
Clarity	Quad Step Noise Reduction Frequency Based Sharpness Enhancer
Color	Nano Color Nano Accuracy Billion Rich Colors* Advanced Color Enhancer
Resolution Upscaler	4K Upscaler

### AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Google Assistant	Yes
Alexa Built-In	Yes (Available via firmware update)
Google Home Compatible	Yes (Google Home device sold separately)
Amazon Alexa Compatible	Yes (Amazon Alexa device sold separately)
Intelligent Voice Recognition	Yes

### SMART TV

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

### AUDIO

Speaker System	2.2 Channel
Output Power	40W (20W Woofer)
Dolby Atmos	Yes
WiSA Ready	Yes (Separate Dongle Purchase Required)
DTS Decoder	DTS-HD
Bluetooth Audio Playback	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)	4 (side)
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	3 (1 rear, 2 side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear)
Ethernet Input	1 (rear)
RS-232C Input (Mini Jack)	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	86": 157.3W 75": 134W
Annual Power Consumption	86": 289Wh/y 75": 247Wh/y

### 86SM9070PUA (85.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	75.8" x 46.6" x 18.3"
TV Dimensions without Stand (WxHxD)	75.8" x 38" x 2.9"
Packaging Dimensions (WxHxD)	TBD
Stand Width	47.1"
TV Weight with Stand	127 lbs
TV Weight without Stand	119.3 lbs
Packaging Weight	159.8 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192626874

### 75SM9070PUA (74.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	66" x 40.8" x 15.1"
TV Dimensions without Stand (WxHxD)	66" x 38" x 2.8"
Packaging Dimensions (WxHxD)	72.4" x 45.9" x 9.1"
Stand Width	35.2"
TV Weight with Stand	89.9 lbs
TV Weight without Stand	83.6 lbs
Packaging Weight	114.6 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192626881

### ACCESSORIES INCLUDED

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

### WARRANTY