

# SM8600PUA Series

Nano 8 Series - 4K HDR Smart LED NanoCell TV w/ AI ThinQ®

65"

55"

49"

\* Class size: See below for details.

- **LG ThinQ® AI | Google Assistant | Alexa**
- **LG α7 Gen 2 Intelligent Processor**
- **Local Dimming**
- **Nano Cell Display**
- **Dolby Vision™ | Dolby Atmos®**



## DESCRIPTION

The Nano Cell Display ensures a picture with better quality in an LED TV. Nano Accuracy keeps everything lifelike, and Nano Color delivers a spectrum of color. LG's powerful processor enriches your content. Dimming control helps light levels. 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.

\*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.

### Local Dimming

Enhanced contrast and black levels with dimming control across localized zones of the LED backlight.

### 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	Edge
Backlight Dimming Technology	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	2.0 Channel
Output Power	20W
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 (2 rear, 2 side)
HDMI Audio Return Channel (ARC)	ARC (HDMI 2)
USB Ports (v 2.0)	3 (2 rear, 1 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	TBD
Annual Power Consumption	TBD

### 65SM8600PUA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	57.1" x 35.8" x 12.7"
TV Dimensions without Stand (WxHxD)	57.1" x 33.1" x 2.5"
Packaging Dimensions (WxHxD)	63" 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	73.4 lbs
VESA Mounting (W x H)	300 x 300
UPC	719192630482

### 55SM8600PUA (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)	53.5" x 34.6" x 6.9"
Stand Width	33.1"
TV Weight with Stand	41.2 lbs
TV Weight without Stand	37.9 lbs
Packaging Weight	52.2 lbs
VESA Mounting (W x H)	300 x 300
UPC	719192630468

### 49SM8600PUA (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)	46.9" x 31.9" x 6.4"
Stand Width	33.1"
TV Weight with Stand	34.2 lbs
TV Weight without Stand	30.9 lbs
Packaging Weight	40.6 lbs
VESA Mounting (W x H)	200 x 200
UPC	719192630451

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