

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 |
|------------------|----------------------|

*Billion Rich Colors is achieved through 10 bit dithering.