# **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<sup>®</sup> AI | Google Assistant | Alexa
- LG α7 Gen 2 Intelligent Processor
- Local Dimming
- Nano Cell Display
- Dolby Vision<sup>™</sup> | Dolby Atmos<sup>®</sup>



## 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<sup>®</sup> 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<sup>®</sup> 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 a7 Gen 2 Intelligent Processor

The innovative  $\alpha$ 7 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<sup>™</sup> 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<sup>™</sup> & Dolby Atmos<sup>®</sup>

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.

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# LG NanoCell TV

# SPECIFICATIONS

Free or (Free	PICTURE (PANEL)	
Display Resolution4K Ultra HD (3,840 x 2,160)Wide Viewing AngleYes (PS Technology)Backlight Dimming TechnologyEdgeBacklight Dimming TechnologyLocal DimmingPTCURE (PROCESSING)TrulMotion 240 (Native 120H2)PICture Processora7 Gen 2 Intelligent ProcessonRefresh RateTrulMotion 240 (Native 120H2)HDR (High Dynamic Range)4K Cinema HDR (Jolbly Vision <sup>®</sup> , HDR 10, HLG) HDR Dynamic Tone Mapping ProContrastObject Depth EnhancerClarityQuad Step Noise Reduction Frequency Based Sharpness EnhancerClorNano Color Nano Accuracy Billion Rich Colors* Advanced Color EnhancerResolution Upscaler4K UpscalerATV (ARTIFICIAL INTELLIGENCE)Ves (Soagle Home device sold separately)Intelligent Voice RecognitionYes (Goagle Home device sold separately)Intelligent Voice RecognitionYes (Goagle Home device sold separately)Intelligent Voice RecognitionYes (Point, Click, Scroll, Voice)Mazon Alexa CompatibleYes (Auato Device Detection)Inviersal Remote ControlYes (Auato Device Detection)Uiter Store (App Store)Yes (Dangle Home devide sequence)Polly Device20WDily AtmosYes (Separate Dongle Purchase Required)Dily AtmosYes (Separate Dongle Purchase Required)Dily AtmosYesDily AtmosYesDily AtmosYesDily AtmosYesDily AtmosYesDily AtmosYesDily AtmosYesDily Atm		NanoCell Display
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Google Home CompatibleYes (Google Home device sold separately)Amazon Alexa CompatibleYes (Amazon Alexa device sold separately)Intelligent Voice RecognitionYesSMART TVYesOperating SystemwebOSMagic Remote ControlYes (Point, Click, Scroll, Voice)Universal Remote ControlYes (Auto Device Detection)LG Content Store (App Store)YesFull Web BrowserYesAubio200Output Power200Dolby AtmosYes (Separate Dongle Purchase Required)DTS DecoderDTS-HDBluetooth Audio PlaybackYesVi-Fi® StandardWi-Fi Certified 802.11acBluetooth® SupportYesHDMI-CEC (Simplink)YesTV TunerATSC, Clear QAM	Google Assistant	Yes
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Bluetooth® Support     Version 5.0       IP Control     Yes       HDMI-CEC (Simplink)     Yes       TV Tuner     ATSC, Clear QAM	CONNECTIVITY	
IP Control     Yes       HDMI-CEC (Simplink)     Yes       TV Tuner     ATSC, Clear QAM	Wi-Fi <sup>®</sup> Standard	Wi-Fi Certified 802.11ac
HDMI-CEC (Simplink) Yes TV Tuner ATSC, Clear QAM	Bluetooth <sup>®</sup> Support	Version 5.0
TV Tuner ATSC, Clear QAM	IP Control	Yes
	HDMI-CEC (Simplink)	Yes
Smart Phone Connectivity 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
	TBD
Power Consumption	
Annual Power Consumption	TBD
65SM8600PUA (64.5" DIAGONAL) DIM	
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" 32.7"
Stand Width	•
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
	719192630482
55SM8600PUA (54.6" DIAGONAL) DIM	48.5" x 30.9" x 10.4"
TV Dimensions with Stand (WxHxD)	48.5 " x 28.2" x 2.5"
TV Dimensions without Stand (WxHxD)	40.5 x 20.2 x 2.5 53.5" x 34.6" x 6.9"
Packaging Dimensions (WxHxD) Stand Width	33.1"
TV Weight with Stand	41.2 lbs
TV Weight without Stand	
-	370 lbc
Hackaging Wolght	37.9 lbs
	52.2 lbs
VESA Mounting (W x H)	52.2 lbs 300 x 300
VESA Mounting (W x H) UPC	52.2 lbs 300 x 300 719192630468
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b>	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD)	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4"
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD)	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5"
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD)	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4"
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1"
VESA Mounting (W x H) UPC 49SM8600PUA (48.5" DIAGONAL) DIM TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H)	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC ACCESSORIES INCLUDED	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200 719192630451
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC <b>ACCESSORIES INCLUDED</b> Remote	52.2 lbs 300 × 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" × 28" × 10.4" 43.1" × 25.2" × 2.5" 46.9" × 31.9" × 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 × 200 719192630451 Magic Remote Included
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC <b>ACCESSORIES INCLUDED</b> Remote Remote Control Battery	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200 719192630451 Magic Remote Included Yes
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC <b>ACCESSORIES INCLUDED</b> Remote Remote Control Battery Power Cable	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200 719192630451 Magic Remote Included Yes Yes
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC <b>ACCESSORIES INCLUDED</b> Remote Remote Control Battery Power Cable Quick Start Guide	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200 719192630451 Magic Remote Included Yes Yes Yes
VESA Mounting (W x H) UPC <b>49SM8600PUA (48.5" DIAGONAL) DIM</b> TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC <b>ACCESSORIES INCLUDED</b> Remote Remote Control Battery Power Cable Quick Start Guide E-Manual	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200 719192630451 Magic Remote Included Yes Yes
Packaging Weight VESA Mounting (W x H) UPC  49SM8600PUA (48.5" DIAGONAL) DIM TV Dimensions with Stand (WxHxD) TV Dimensions without Stand (WxHxD) Packaging Dimensions (WxHxD) Stand Width TV Weight with Stand TV Weight without Stand Packaging Weight VESA Mounting (W x H) UPC ACCESSORIES INCLUDED Remote Remote Remote Control Battery Power Cable Quick Start Guide E-Manual WARRANTY Limited Warranty	52.2 lbs 300 x 300 719192630468 ENSIONS/WEIGHTS/UPC 43.1" x 28" x 10.4" 43.1" x 25.2" x 2.5" 46.9" x 31.9" x 6.4" 33.1" 34.2 lbs 30.9 lbs 40.6 lbs 200 x 200 719192630451 Magic Remote Included Yes Yes Yes



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