

SM8100AUA Series

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

65"

55"

* Class size: See below for details.

- **LG ThinQ® AI | Google Assistant | Alexa**
- **Quad Core Processor**
- **Local Dimming**
- **Nano Cell Display**



DESCRIPTION

NanoCell TV delivers on picture quality, lifelike scenes and a spectrum of color. Processing power makes everything look better. Dimming control helps light levels. 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.

Quad Core Processor

The hard-working quad-core processor improves images, action and color, reducing distracting video noise and motion blur, enhancing sharpness and portraying accurate colors.

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 wide spectrum of rich colors.

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	Quad Core Processor
Refresh Rate	TruMotion 120 (Native 60Hz)
HDR (High Dynamic Range)	Active HDR (HDR10, HLG) HDR Dynamic Tone Mapping Pro
Contrast	Ultra Luminance
Clarity	Noise Reduction
Color	Nano Color Nano Accuracy 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
WiSA Ready	No
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)	2 (1 rear, 1 side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear)
Ethernet Input	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	65": 96.4W 55": 76.9W
Annual Power Consumption	65": 178Wh/y 55": 142Wh/y

65SM8100AUA (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	719192630307

55SM8100AUA (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	719192630321

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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