

75SM9970PUA

Nano 9 Series - 8K HDR Smart LED NanoCell TV w/ AI ThinQ®

75"

* Class size: See below for details.

- **Ultra Large - 75"**
- **8K Nano Cell Display**
- **LG ThinQ® AI | Google Assistant | Alexa**
- **LG α9 Gen 2 Intelligent Processor 8K**
- **Full Array Local Dimming Pro**
- **Dolby Vision™ | Dolby Atmos®**



DESCRIPTION

Ultra-Large LED screen size meets 8K resolution — all on LG's 75" Nano Cell Display. This is tomorrow's resolution available today in a TV that's feature-packed and future-proof. As an encore, LG packs in the most powerful processor ever developed for an LG LED TV to enhance everything you watch, the highest level dimming control for precise lighting, and Dolby's latest picture and sound technologies. The intelligence of LG ThinQ® and the voice control of the Google Assistant* and Alexa** are built-in. The future of 8K is here.

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

**Available via firmware update later in 2019.

KEY FEATURES

75" + TV (Ultra Large TV Screens)

Enjoy realistic imagery delivered on a 75" screen that's larger than life. An 8K Ultra-Large screen brings monumental picture quality that delivers detail at wide viewing angles.

8K Resolution

NanoCell™ TV will change the way you define LED picture quality, putting realistic colors and deeper blacks on full display. 8K provides four times the resolution of 4K.

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 α9 Gen 2 Intelligent Processor 8K

LG's most powerful LED processor brings images, action and color to new life utilizing 6-step noise reduction. Empowered by AI at its core for the ultimate in 8K picture quality and sound enhancement.

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 8K Display
Display Resolution	8K Ultra HD (7,680 x 4,320)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Slim Direct
Backlight Dimming Technology	Full Array Local Dimming Pro

PICTURE (PROCESSING)

Picture Processor	α9 Gen 2 Intelligent Processor 8K
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	Hexa Step Noise Reduction Frequency Based Sharpness Enhancer
Color	Nano Color Pro Nano Accuracy Billion Rich Colors Advanced Color Enhancer
Resolution Upscaler	8K 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	TBD
Annual Power Consumption	TBD

75SM9970PUA (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	85.5 lbs
TV Weight without Stand	69.9 lbs
Packaging Weight	116.6 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192629875

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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