75SM9970PUA
Nano 9 Series - 8K HDR Smart LED NanoCell TV w/ AI ThinQ®

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
- **WSA 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
- **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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