PICTURE (PANEL)

Display Type	Real 4K NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes (IPS Technology)
Backlight Type	Slim Direct
Backlight Dimming Technology	Full Array Dimming

PICTURE (PROCESSING)

Picture Processor	α7 Gen 3 Processor 4K
Refresh Rate	TruMotion 240 (Native 120Hz)
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision®, HDR10, HLG), Dolby Vision IQ, HDR Dynamic Tone Mapping
Contrast	Ultra Luminance
Clarity	Double Step Noise Reduction, Sharpness Enhancer
Color	Nano Color, Billion Rich Colors*, Advanced Color Enhancer, True Color Accuracy
Resolution Upscaler	4K Upscaler
*	Billion Rich Colors is achieved through 10 bit dithering.

GAMING

FreeSync™	Yes (May not be available at the time of purchase of this product)

VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes

AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Google	Google Assistant Built-in "Works with" Google Assistant
Alexa	Alexa Built-in "Works with" Alexa
Apple	Apple Airplay 2, Apple Homekit
Intelligent Voice Recognition	Yes
Home Dashboard	Yes
AI Picture Pro / AI Picture	AI Picture
Auto Genre Selection	Yes (Dolby HDR only)

SMART TV

Operating System	webOS
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
LG Channels	Yes
LG Content Store (App Store)	Yes
Full Web Browser	Yes

Gallery Mode	Yes
Sports Alert	Yes

AUDIO

Speaker System	2.2 Channel
Output Power	40W (20W Woofer)
Speaker Direction	Down Firing
AI Sound Pro / AI Sound	AI Sound
Dolby Atmos	Yes
WiSA Ready	Yes (Separate Dongle Purchase Required)
Surround Mode	Ultra Surround
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)
Bluetooth Surround Ready	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 3)
USB Ports (v 2.0)	1 (rear) / 2 (side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear, Gender)
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

DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	75.8” x 46.6” x 17.0”
TV Dimensions without Stand (WxHxD)	75.8" x 43.5" x 2.9"
Packaging Dimensions (WxHxD)	83.3” x 47.9” x 11.2”
Stand Width	47.1”
TV Weight with Stand	122.1 lbs

TV Weight without Stand	114.4 lbs
Packaging Weight	155.0 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192639683

ACCESSORIES INCLUDED

Remote	Magic Remote
Remote Control Battery	Yes
Power Cable	Yes
User Manual	Yes
E-Manual	Yes

GENERAL

2020 Model	Yes
Country of Origin	Mexico

WARRANTY

Limited Warranty	1 Year Parts & Labor