

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 Edge

Backlight Dimming Technology Local Dimming

PICTURE (PROCESSING)

Picture Processor Quad Core Processor 4K

Refresh Rate TruMotion 120 (Native 60Hz)

HDR (High Dynamic Range) Active HDR (HDR10, HLG), 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

ALLM (Auto Low Latency Mode) Yes

HGiG Yes (available after software update)

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

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
Sports Alert	Yes

AUDIO

Speaker System	2.0 Channel
Output Power	20W

Speaker Direction	Down Firing
AI Sound Pro / AI Sound	AI Sound
Surround Mode	Ultra Surround
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)
Bluetooth Sound 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
HDMI Input (HDCP 2.2)	2 (rear) / 2 (side)
HDMI Audio Return Channel (ARC)	ARC (HDMI 2)
USB Ports (v 2.0)	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)
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POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60 Hz
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Standby Power Consumption	Under 0.5W
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DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	48.5" x 30.9" x 10.4"
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TV Dimensions without Stand (WxHxD)	48.5" x 28.2" x 2.5"
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Packaging Dimensions (WxHxD)	55.9" x 34.6" x 7.5"
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Stand Width	33.1"
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TV Weight with Stand	41.2 lbs
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TV Weight without Stand	37.9 lbs
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Packaging Weight	54.0 lbs
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VESA Mounting (W x H)	300 x 300
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UPC	719192641747
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ACCESSORIES INCLUDED

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

2020 Model	Yes
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Country of Origin	Mexico
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WARRANTY

Limited Warranty	1 Year Parts & Labor
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