

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 Local Dimming

PICTURE (PROCESSING)

Picture Processor α 7 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
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ALLM (Auto Low Latency Mode)	Yes
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HGiG	Yes
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AI TV (ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
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Google	Google Assistant Built-in "Works with" Google Assistant
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Alexa	Alexa Built-in "Works with" Alexa
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Apple	Apple Airplay2, Apple Homekit
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Intelligent Voice Recognition	Yes
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Home Dashboard	Yes
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AI Picture Pro / AI Picture	AI Picture
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Auto Genre Selection	Yes (Dolby HDR only)
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SMART TV

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

Speaker System	2.2 Channel
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Output Power	40W (20W Woofer)
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Speaker Direction	Down Firing
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AI Sound Pro / AI Sound	AI Sound
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Dolby Atmos	Yes
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WiSA Ready	Yes (Separate Dongle Purchase Required)
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Surround Mode	Ultra Surround
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Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)
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Bluetooth Sound Ready	Yes
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LG Sound Sync	Yes
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CONNECTIVITY

Wi-Fi® Standard	Wi-Fi Certified 802.11ac
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Bluetooth® Support	Version 5.0
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IP Control	Yes
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HDMI-CEC (Simplink)	Yes
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TV Tuner	ATSC, Clear QAM
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Smart Phone Connectivity	Yes
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INPUTS & OUTPUTS

HDMI Input (HDCP 2.2)	4 (side)
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HDMI Audio Return Channel (ARC)	eARC (HDMI 3)
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USB Ports (v 2.0)	1 (rear) / 2 (side)
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RF Connection Input (Antenna/Cable)	1 (rear)
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Composite Input (AV)	1 (rear, Gender)
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Ethernet Input	1 (rear)
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RS-232C Input (Mini Jack)	1 (rear)
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Digital Audio Output (Optical)	1 (rear)
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POWER

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

TV Dimensions with Stand (WxHxD)	75.8" x 45.9" x 14.2"
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TV Dimensions without Stand (WxHxD)	75.8" x 43.5" x 2.9"
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Packaging Dimensions (WxHxD)	83.3" x 47.9" x 10.0"
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Stand Width	64.2"
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TV Weight with Stand	116.2 lbs
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TV Weight without Stand	114.6 lbs
Packaging Weight	145.5 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192636774

ACCESSORIES INCLUDED

Remote	Magic Remote
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

GENERAL

2020 Model	Yes
Country of Origin	Mexico

WARRANTY

Limited Warranty	1 Year Parts & Labor
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