

PICTURE(PANEL)

Display Type 4K NanoCell

Display Resolution 3840 x 2160

NanoCell Display Yes

Dimming Technology Local Dimming

Backlight Type Edge

PICTURE(PROCESSING)

Picture Processor α 7 Gen4 Processor 4K

Refresh Rate TruMotion 240 (Native 120Hz)

HDR (High Dynamic Range) Cinema HDR (Dolby Vision™, HDR10, HLG)
HDR Dynamic Tone Mapping
Dolby Vision™ IQ

Contrast Face Enhancing
Ultra Luminance

Clarity Double Step Noise Reduction
Sharpness Enhancer

Colour Billion Rich Colours
Advanced Colour Enhancer
True Colour Accuracy

Resolution Upscaler AI Upscaler

Motion Motion Pro

Filmmaker Mode™ Yes

GAMING

Game Optimizer	Yes
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FreeSync™	Yes
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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 Home Compatibility	Yes (Google Home device sold separately)
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Amazon Alexa Compatibility	Yes (Amazon Alexa device sold separately)
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Google Assistant Built-in	Yes
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Amazon Alexa Built-in	Yes
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Apple AirPlay 2/HomeKit Compatibility	Yes
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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® 6.0
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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	2.0 ch
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Output Power	20W (10W per Channel)
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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 (5.1 ch) (Separate dongle purchase required)
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Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X
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Bluetooth Surround Ready	Yes
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LG Sound Sync	Yes
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CONNECTIVITY

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

HDMI Input	4 (Side)
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HDMI Audio Return Channel (ARC)	eARC (HDMI 3)
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USB Ports (v 2.0)	2 (Rear)/1 (Side)
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Ethernet Input	Yes
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RS-232C Input (Mini Jack)	Yes (Rear)
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Digital Audio Output (Optical)	Yes
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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 Dimenions with Stand (WxHxD)	1233 x 781 x 257 mm / 48.54" x 30.75" x 10.12"
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TV Dimenions without Stand (WxHxD)	1233 x 716 x 44.2 mm / 48.54" x 28.19" x 1.74"
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Packaging Dimensions (WxHxD)	1420 x 835 x 187 mm / 55.91" x 32.87" x 7.36"
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Stand Dimension (WxD)	1058 x 257 mm / 41.65" x 10.12"
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TV Weight with Stand	16.7 kg / 36.82 lbs
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TV Weight without Stand	16.3 kg / 35.94 lbs
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Packaging Weight	23 kg / 50.71 lb
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VESA Mounting (W x H)	300 x 300
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UPC	195174005828
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ACCESSORIES INCLUDED

Magic Remote Control	Included in box
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Remote Control Battery	Yes
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Power Cable	Yes
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Quick Start Guide	Yes
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E-Manual	Yes
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WARRANTY

Limited Warranty	1 Year Parts & Labour
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Model Year	2021
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