

PICTURE(PANEL)

Display Type	8K NanoCell
Display Resolution	7680 x 4320
NanoCell Display	Yes
Wide Viewing Angle	Yes
Dimming Technology	Full Array Dimming
Backlight Type	Full Array
IPS Panel	Yes

PICTURE(PROCESSING)

Picture Processor	α9 Gen3 AI Processor 8K
Refresh Rate	TruMotion 120 (Native 60Hz)
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision™, HDR10, HLG) HDR Dynamic Tone Mapping Dolby Vision™ IQ
Contrast	Advanced Contrast Enhancer Face Enhancing Ultra Luminance Pro
Clarity	Quad Step Noise Reduction Frequency Based Sharpness Enhancer
Colour	Billion Rich Colours Advanced Colour Enhancer True Colour Accuracy Pro

Resolution Upscaler	8K Upscaler
Filmmaker Mode™	Yes

GAMING

ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes

AI TV(ARTIFICIAL INTELLIGENCE)

LG AI ThinQ®	Yes
Google Home Compatibility	Yes (Google Home device sold separately)
Amazon Alexa Compatibility	Yes (Amazon Alexa device sold separately)
Google Assistant Built-in	Yes
Amazon Alexa Built-in	Yes
Apple Airplay 2 / HomeKit Compatibility	Yes
Intelligent Voice Recognition	Yes
Home Dashboard	Yes
AI Picture Pro / AI Picture	AI Picture Pro
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)

SMART TV

Operating System	webOS® 5.0
LG Channels	Yes

LG Content Store (App Store)	Yes
Full Web Browser	Yes
Gallery Mode	Yes
Sports Alert	Yes

AUDIO

Speaker System	2.2 ch
Output Power	40W (WF:20W, 10W per Channel)
Speaker Direction	Down Firing
AI Sound Pro/AI Sound	AI Sound Pro
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
Bluetooth Surround Ready	Yes
LG Sound Sync	Yes

CONNECTIVITY

Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
HDMI-CEC (Simplink)	Yes

TV Tuner	ATSC, Clear QAM
Mobile Connectivity	Yes

INPUTS & OUTPUTS

HDMI Input (HDCP 2.2)	4 Rear
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	1 (Rear)/2 (Side)
Composite Input (AV)	Yes (Rear, Gender Type)
Ethernet Input	Yes
RS-232C Input (Mini Jack)	Yes
Digital Audio Output (Optical)	Yes

POWER

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

DIMENSIONS/WEIGHTS/UPC

TV Dimenions with Stand (WxHxD)	1 677 x 1 025 x 361 mm/66.02" x 40.35" x 14.21"
TV Dimenions without Stand (WxHxD)	1 677 x 966 x 69.8 mm/66.02" x 38.03" x 2.75"
Packaging Dimensions (WxHxD)	1823 x 1 126 x 228 mm/71.77" x 44.33" x 8.98"
Stand Dimension (WxD)	1455 x 361 mm/57.28" x 14.21"
TV Weight with Stand	38.2kg/84.22 lbs

TV Weight without Stand	37.5kg/82.67 lbs
Packaging Weight	48.4kg/106.70 lbs
VESA Mounting (W x H)	600 x 400
UPC	719192637191

ACCESSORIES INCLUDED

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

WARRANTY

Limited Warranty	1 Year Parts & Labour
Model Year	2020