

## PICTURE(PANEL)

Display Type	OLED Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Wide Viewing Angle	Yes
Dimming Technology	Pixel Level Dimming
Perfect Black	Yes
Intense Color (Wide Color Gamut)	Yes
Billion Rich Colors	Yes
Color Fidelity 100%	Yes

## PICTURE(PROCESSING)

Picture Processor	α9 Gen 4 AI Processor 4K
AI Picture	AI Picture Pro
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)
Upscaling	AI 4K Upscaling
Refresh Rate	120Hz Native
Motion	OLED Motion Pro

## SOUND(PROCESSING)

AI Sound	AI Sound Pro
TV Sound Mode Share	Yes

Bluetooth Surround Ready	Yes
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## HOME CINEMA

HDR	Cinema HDR (Dolby Vision, HDR10, HLG)
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Dolby Vision IQ	Yes
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Filmmaker Mode	Yes
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Magic Explorer	Yes
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Next Picks	Yes
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## GAMING

Game Optimizer	Yes
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G-SYNC Compatible	Yes
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FreeSync Premium™	Yes
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VRR (Variable Refresh Rate)	Yes
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ALLM (Auto Low Latency Mode)	Yes
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Response Time	>1 ms
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HGiG	Yes
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Cloud Gaming	Stadia* (Firmware update required)
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## SMART TV

Operating System	webOS
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Content Partners	Netflix, Prime Video, Disney+, Apple TV, Hulu, CBS All Access, Peacock, Youtube TV, Spotify, iHeartRadio and more
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LG Content Store (App Store)	Yes
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Full Web Browser	Yes
LG Channels	Yes
Sports Alert	Yes
Gallery Mode	Yes
Who.Where.What?	Yes
Home Dashboard	Yes
Works with Google Assistant*	Yes
Works with Alexa*	Yes
Works with Homekit (Apple)*	Yes
Works with Apple AirPlay 2*	Yes
*	Separate device purchase necessary

## AI TV(ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Voice Assistants	Google and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes
Universal Remote Control	Yes (Auto Device Detection)

## AUDIO

Speaker System	2.2 Channel
Output Power	40W

<b>Speaker Direction</b>	Down Firing (w/Stand Front Firing)
<b>Dolby Atmos</b>	Yes
<b>WiSA Ready</b>	Yes (Separate Dongle Purchase Required) *Up to 5.1 Channel
<b>Surround Mode</b>	OLED Surround
<b>Audio Codec</b>	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)
<b>LG Sound Sync</b>	Yes

## CONNECTIVITY

<b>Wi-Fi® Standard</b>	Wi-Fi Certified 802.11ac
<b>Bluetooth® Support</b>	Version 5.0
<b>IP Control</b>	Yes
<b>HDMI-CEC (Simplink)</b>	Yes
<b>TV Tuner</b>	ATSC, Clear QAM
<b>Smart Phone Connectivity</b>	Yes
<b>HDMI Input (HDCP 2.2)</b>	1 (Rear) / 3 (Side)
<b>Latest HDMI (4K @ 120Hz)</b>	HDMI ports 1,2,3,4
<b>HDMI Audio Return Channel (ARC)</b>	eARC (HDMI 2)
<b>USB Ports (v 2.0)</b>	2 (Rear) / 1 (Side)
<b>RF Connection Input (Antenna/Cable)</b>	1 (Rear, RF)
<b>Ethernet Input</b>	1 (Rear)
<b>RS-232C Input (Mini Jack)</b>	1 (Rear)
<b>Digital Audio Output (Optical)</b>	1 (Rear)

Headphone Out	1 (Rear)
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## POWER

Power Supply (Voltage, Hz)	120 V~ 50/60 Hz
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Standby Power Consumption	Under 0.5W
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Power Consumption	90W
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Annual Power Consumption	167KWh/y
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## DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	42.2" x 25.6" x 9.9"
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TV Dimensions without Stand (WxHxD)	42.2" x 24.3" x 1.8"
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Packaging Dimensions (WxHxD)	48.0" x 29.3" x 8.0"
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Stand Width	33"
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TV Weight without Stand	32.8 lbs
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TV Weight with Stand	41.7 lbs
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Packaging Weight	49.4 lbs
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VESA Mounting (W x H)	300 x 200
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UPC	195174006115
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## ACCESSORIES INCLUDED

Wall Mount	OLW480B (Optional, Sold Separately)
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Wireless A/V Box	Do not include
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Remote	Magic Remote
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<b>Remote Control Battery</b>	Yes (AA)
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<b>Power Cable</b>	Yes
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<b>Quick Start Guide</b>	Yes
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<b>E-Manual</b>	Yes
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## **WARRANTY**

<b>Limited Warranty</b>	Please see Support tab for full details on the limited warranty
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## **GENERAL**

<b>2021 Model</b>	Yes
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