

PICTURE(PANEL)

Display Type 4K OLED

Display Resolution 3840 x 2160

Dimming Technology Pixel Dimming

PICTURE(PROCESSING)

Picture Processor α 9 Gen4 AI Processor 4K

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

Contrast Infinite 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 AI Upscaler

Motion OLED Motion Pro

Filmmaker Mode™ Yes

GAMING

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| Game Optimizer | Yes |
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| G-Sync Compatible | 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)

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|---------------------|-----|
| 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 Pro |
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|-----------------------------|-------------------------|
| Auto Genre Selection | Yes (SDR/HDR/Dolby HDR) |
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SMART TV

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| 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

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| Speaker System | 2.2 ch |
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|---------------------|-------------------------------|
| Output Power | 40W (WF:20W, 10W per Channel) |
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| Speaker Direction | Front Firing (Stand Version) |
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| AI Sound Pro / AI Sound | AI Sound Pro |
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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

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|-----------------------------------|--------------------------|
| Wi-Fi[®] Standard | Wi-Fi Certified 802.11ac |
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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 | 1 (Rear) 3 (Side) |
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|---------------------------------|---------------|
| HDMI Audio Return Channel (ARC) | eARC (HDMI 2) |
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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

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| 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

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| TV Dimenions with Stand (WxHxD) | 1228 x 738 x 251 mm / 48.35" x 29.06" x 9.88" |
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| TV Dimenions without Stand (WxHxD) | 1228 x 706 x 46.9 mm / 48.35" x 27.80" x 1.85" |
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| Packaging Dimensions (WxHxD) | 1345 x 810 x 207 mm / 52.95" x 31.89" x 8.15" |
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| Stand Dimension (WxD) | 998 x 251 mm / 39.29" x 9.88" |
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| TV Weight with Stand | 23 kg / 50.71 lbs |
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| TV Weight without Stand | 18.9 kg / 41.67 lbs |
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| Packaging Weight | 28.6 kg / 63.05 lbs |
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| VESA Mounting (W x H) | 300 x 200 |
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| UPC | 195174009307 |
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ACCESSORIES INCLUDED

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| Magic Remote Control | Included in box |
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| NFC Enabled | Yes |
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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

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| Limited Warranty | 1 Year Parts & Labour |
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| Model Year | 2021 |
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