

PICTURE(PANEL)

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| Resolution | Ultra HD 7680 x 4320 |
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| Display Type | 8K Mini LED |
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| Dimming Technology | Piece Dimming |
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PICTURE(PROCESSING)

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| Picture Processor | α9 Gen4 AI Processor 8K |
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| Refresh Rate | 100 (120) Hz |
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| HDR | Cinema HDR |
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| Dolby Vision IQ | Yes |
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| HDR 10 Pro | Yes |
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| HLG | Yes |
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| HDR Dynamic Tone Mapping | Pro (+ AI HDR Tone Mapping) |
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| Ultra Luminance | Ultra Luminance Pro |
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| Face Enhancing | Yes* (Face+Body+Object Enhancing) |
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| Color Enhancer | Advanced color & contrast enhancer |
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| Active Noise Reduction | Quad Step NR |
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| Wide Color Gamut | Nano Color Pro |
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| Billion Rich Color | Yes |
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| True Color Accuracy | Pro |
| FILMMAKER MODE™ | Yes |
| Resolution Upscaler | AI 8K Upscaler |
| Motion Pro | Yes |

GAMING FEATURES

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|------------------------------|------------|
| HFR (High Frame Rate) | 4K 120 FPS |
| AMD FreeSync premium™ | Yes |
| HGIG Mode | Yes |
| ALLM (Auto Low Latency Mode) | Yes |
| Game Optimizer | Yes |

AI FEATURES(ARTIFICIAL INTELLIGENCE)

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|-------------------------------|--------------------------------|
| LG AI ThinQ™ | Yes |
| Google Assistant | Google Assistant (Built-in) |
| Amazon Alexa | Alexa (Built-in) |
| Apple | Apple Airplay 2, Apple HomeKit |
| AI Picture Pro/ AI Picture | AI Picture Pro |
| AI Brightness Control | Yes |
| Scene Analysis | Yes |
| Intelligent Voice Recognition | Yes |

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| AI Functions | AI UX, AI Home, AI Recommendation, Intelligent Edit, Conversational AI |
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| Home Dashboard | Yes |
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| Hands-free Voice Control | Yes |
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SMART TV FEATURES

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|-------------------------|-------------------|
| Operating System | LG webOS Smart TV |
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| WebOS Home | New (Full Screen) |
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| Magic Remote Control | Yes (Universal Control, Point, Click, Scroll, Voice) |
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| Magic Tap | Yes |
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| LG Content Store | Yes |
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| Full Web Browser | Yes |
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| Art Gallery | Yes |
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| Sports Alert | Yes |
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| Direct Keys (Apps) | Netflix, Prime Video, Disney+ Hotstar |
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AUDIO

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| Speaker System | 4.2 Ch Speaker |
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| Audio Output (rms) | 60W |
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| Sub Woofer | Yes (20W) |
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| Dolby Atmos | Yes |
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| Speaker Direction | Down Firing |
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| AI Sound Pro/ AI Sound | AI Sound Pro |
| AI Acoustic Tuning | Yes |
| Auto Volume Leveling | Yes |
| WiSA Ready | WiSA 2.1 ch (Separate Dongle to be purchased) |
| Clear Voice | Clear Voice Pro |
| Bluetooth Audio Playback | Yes (2 Way Playback) |
| TV Sound Mode Share | Yes |

CONNECTIVITY

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|---------------------------|--------------------------|
| Wi-Fi Standard | Wi-Fi Certified 802.11ac |
| Bluetooth | Yes (V 5.0) |
| Simplink (HDMI CEC) | Yes |
| Share & Control | Yes |
| Mobile Connection Overlay | Yes |
| Magic Mobile Connection | Yes |

INPUTS & OUTPUTS

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|---------------------------|---------------------|
| HDMI Input | 2 (Rear) / 2 (Side) |
| USB Ports | 2 (Rear) / 1 (Side) |
| HDMI Audio Return Channel | eARC (Side, HDMI 2) |
| RF Input | 2 (Rear, RF/Sat) |

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| LAN | 1 (Rear) |
| Digital Audio Out (Optical) | 1 (Rear) |
| Headphone Out | 1 (Rear) |
| HDMI Version | HDMI 2.1 (All 4 ports) |

POWER

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| Power Supply (Voltage, Hz) | AC 100~240V 50-60Hz |
| Power Consumption Standby Mode | Under 0.5 W |

DIMENSION SET

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| Set Weight (without Stand) Kg | 42.4 |
| Set Weight (With Stand) Kg | 43.1 |
| Set Weight (In Carton) Kg | 53.7 |
| Set WXHxD (without Stand) mm | 1672 x 963 x 54.9:(13.6) |
| Set WXHxD (with Stand) mm | 1672 x 1021 x 361 |

SUPPLIED ACCESSORIES

| | |
|--------------------------|-------------|
| Magic Remote | Yes (MR21N) |
| e-manual | Yes |
| Remote Control Batteries | Yes |