

DIMENSIONS & WEIGHTS

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|---------------------------|--------------------|
| No stand (Kg) | 26.4Kg |
| With stand (Kg) | 28.1Kg |
| No stand W x H x D (mm) | 1455 x 835 x 62.5 |
| With stand W x H x D (mm) | 1455 x 906 x 323.7 |
| Width of Stand (mm) | 831 |

DISPLAY

| | |
|--------------------------|----------------------------|
| Display Type | SUPER UHD |
| Screen Size | 65" |
| Resolution | 3840*2160 |
| Nano Cell Display | Yes |
| IPS Panel | Yes |
| Viewing Angle | Wide Viewing Angle |
| Wide Color Gamut | Nano Cell Color Pro |
| Billion Rich Color | Yes |
| Dimming | Full Array Local Dimming |
| Ultra Luminance | Ultra Luminance Pro |
| BLU Type | Slim Direct |
| TruMotion / Refresh Rate | TM200 (Refresh Rate 100Hz) |

VIDEO(PICTURE QUALITY)

| | |
|---|--------------------------|
| Deep Learning AI Picture | Yes |
| AI Brightness | Yes |
| HDR | 4K Cinema HDR |
| Dolby Vision | Yes / Yes / Yes (4K/2K) |
| HDR10 Pro | Yes/Yes/Yes/Yes (4K/2K) |
| HLG | Yes/Yes/Yes/Yes (4K/2K) |
| Advanced HDR by Technicolor / Technicolor Expert Mode | Yes |
| HDR Effect | Yes (4K/2K) |
| Dynamic Tone Mapping | HDR Dynamic Tone Mapping |
| 4K HFR | Yes |
| 2K HFR | Yes / Yes |
| Motion Pro | Motion Pro |
| Object Depth Enhancer | Yes |
| Luminance Optimizer for Local Dimming II | Yes |
| Color Enhancer | Advanced Color Enhancer |
| Color Accuracy | True Color Accuracy |
| Upscaler | 4K Upscaler |
| Noise Reduction | Quad Step NR |

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|------------------------------------|---|
| Frequency based Sharpness Enhancer | Yes |
| HEVC (Video Decoder) | 4K@120P, 10bit |
| VP9 (Video Decoder) | 4K@60P, 10bit |
| Instant Game Response (VRR/ALLM) | Yes / Yes |
| Picture Mode | Yes 10 modes (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, technicolor Expert, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room)) |

AUDIO

| | |
|--|--|
| Speaker (Sound Output) | 40W (WF:20W, 10W per Channel) |
| Channel | 2.2 ch |
| Direction | Down Firing |
| Simultaneous Audio Output | Yes (Optical Output or HP Support Model) |
| Dolby Atmos | Yes |
| AI Sound | Yes |
| One Touch Sound Tuning | Yes |
| Surround Mode | Dolby Surround / ULTRA Surround |
| Clear Voice | Clear Voice III |
| WiSA Speakers | Yes (2.0ch) |
| LG Sound Sync | Yes |
| Auto Notification (Bluetooth easy pairing) | Yes |
| Bluetooth Audio Playback | Yes |

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|--------------------|---|
| DTS Decoder | Yes |
| Audio Codec | AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, DTS, DTS-HD, DTS Express, WMA, apt-X (Refer to manual) |

AI FUNCTION

| | |
|--------------------------------------|-----|
| ThinQ | Yes |
| Intelligent Voice Recognition | Yes |
| Speech to Text | Yes |
| LG Voice Search | Yes |
| AI UX | Yes |
| AI Home | Yes |
| AI Recommendation/AI | Yes |
| Intelligent Edit | Yes |
| Home Dashboard | Yes |
| Auto Device Detection | Yes |
| Mobile Connectivity | Yes |
| Screen Share | Yes |
| LG TV Plus App | Yes |
| Smart ThinQ App | Yes |

SMART FUNCTION

| | |
|------------------------------|----------------|
| Operating System (OS) | webOS Smart TV |
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|-------------------------------------|---|
| Number of CPUs | Quad |
| Magic Remote Control | Built-In |
| Quick Access | Yes |
| Universal Control | Yes |
| 360° VR Play | Yes |
| Magic Link | Yes (Iran, Syria, Sudan excludes youtube) |
| Gallery | Yes |
| LG Content Store | Yes |
| Multi-view | Yes |
| DIAL | Yes |
| Web Browser | Yes |
| Music Player | Yes |
| Mobile TV On | Yes |
| Wi-Fi TV On | Yes |
| Bluetooth Low Energy On | Yes |
| Network File Browser | Yes |
| Block access to harmful site | Yes |
| Hotel Mode | Yes |

BROADCASTING SYSTEM

| | |
|--|--------------------------------------|
| Digital TV Reception(Terrestrial,Cable,Satellite) | Yes DVB-T2/C/S2 (IRAN : DVB-T2/C) |
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|---|-----------------------------|
| Terrestrial | DVB-T2 |
| Cable | DVB-C |
| Satellite | Yes DVB-S2 (except Iran) |
| Analog TV Reception | Yes |
| Data Broadcasting (Country Spec) | Yes |
| Teletext Page | Yes |
| Teletext (Top/Flof/List) | Yes |
| [DVB] Subtitle | Yes |
| AD (Audio Description) | Yes |
| EPG (8days) | Yes |

CONNECTIVITY

| | |
|--|-------------------------|
| HDMI | 4 (Side) |
| Version | HDMI 2.1 |
| Simplink (HDMI CEC) | Yes |
| eARC / ARC (Audio Return Channel) | eARC (HDMI 2) |
| USB | 1(Rear) / 2 (Side) |
| LAN | Yes (Rear) |
| Component | Yes (Rear, Gender Type) |
| Composite In (AV) | Yes (Rear, Gender Type) |

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|-----------------------------------|---|
| RF In | 2 (Rear, RF/Sat) * Iran : 1 (Rear, RF) |
| SPDIF (Optical Digital Audio Out) | Yes (Rear) |
| Headphone out | Yes (Rear) |
| Line out | Yes (Headphone out common) |
| Wifi | Yes (802.11ac) |
| Bluetooth | Yes (V5.0) |

POWER & GREEN

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|--|---------------------|
| Power Supply | AC 100~240V 50-60Hz |
| Energy saving Mode | Yes |
| Illuminance Green sensor | Yes (white sensor) |
| Energy Efficiency Label | 3 |
| On-Mode Power Consumption | 120.0 |
| Stand-by/Off-Mode Power Consumption | 0.31 |
| Peak Luminance Ratio of On-Mode or Home-Mode | 175 |
| Peak Luminance in percentage | 74 |
| Mercury Content(mg) | 0.0 |
| Presence of Lead | Yes |

ACCESSORY

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| Remote | MR19 |
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| Battereis | Yes (AA x 2EA) |
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| Component / AV Gender | Yes (AV Gender) |
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| Power Cable | Yes (TV Attached) |
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ADDITIONAL FEATURE

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| Auto Calibration | Yes |
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| Time Machine (DVR) | Yes |
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| Digital Recording | Yes |
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| Analog DVR | Yes |
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| Time Shift | Yes |
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| VESA Wall Mount Model | Refer to Accessory Sheet |
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