

DIMENSIONS & WEIGHTS

No stand (Kg)	30.7Kg
With stand (Kg)	31.4Kg
No stand W x H x D (mm)	1578 x 913 x 91.1
With stand W x H x D (mm)	1578 x 984 x 299
Width of Stand (mm)	1497

DISPLAY

Display Type	UHD
Screen Size	70"
Resolution	3840*2160
BLU Type	Direct
TruMotion / Refresh Rate	TM100(Refresh Rate 50 Hz)

VIDEO(PICTURE QUALITY)

HDR	4K Active HDR
HDR10 Pro	Yes/Yes/Yes/Yes (4K/2K)
HLG	Yes/Yes/Yes/Yes (4K/2K)
HDR Effect	Yes (4K/2K)
Dynamic Tone Mapping	HDR Dynamic Tone Mapping

2K HFR	Yes / Yes
Color Enhancer	Advanced Color Enhancer
Color Accuracy	True Color Accuracy
Upscaler	4K Upscaler
Noise Reduction	NR
HEVC (Video Decoder)	4K@60P, 10bit
VP9 (Video Decoder)	4K@60P, 10bit
Instant Game Response (VRR/ALLM)	Yes
Picture Mode	Yes 9 modes (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

AUDIO

Speaker (Sound Output)	20 W (10W per Channel)
Channel	2.0 ch
Direction	Down Firing
Simultaneous Audio Output	Yes (Optical Output or HP Support Model)
DTS Virtual:X	Yes
Adaptive Sound Control	Yes
One Touch Sound Tuning	Yes
Surround Mode	DTS Virtual:X
Clear Voice	Clear Voice III
LG Sound Sync	Yes

Auto Notification (Bluetooth easy pairing)	Yes
Bluetooth Audio Playback	Yes
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	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
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)
LG Content Store	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
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(IRAN : DVB-T2/C)

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

HDMI	1 (Rear) / 2 (Side)
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Version	HDMI 2.0
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Simplink (HDMI CEC)	Yes
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eARC / ARC (Audio Return Channel)	ARC (HDMI 2)
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USB	1 (Rear) / 1 (Side)
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LAN	Yes (Rear)
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Component	Yes (Rear, Component in/AV in common)
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Composite In (AV)	Yes (Rear, Component in/AV in common)
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RF In	2 (Rear, RF/Sat) * Iran : 1 (Rear, RF)
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SPDIF (Optical Digital Audio Out)	Yes (Rear)
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Wifi	Yes (802.11ac)
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Bluetooth	Yes (V5.0)
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POWER & GREEN

Power Supply	AC 100~240V 50-60Hz
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Energy saving Mode	Yes
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Illuminance Green sensor	Yes (white sensor)
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Energy Efficiency Label	3
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On-Mode Power Consumption	144.0
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Stand-by/Off-Mode Power Consumption	0.22
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Peak Luminance Ratio of On-Mode or Home-Mode	210
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Peak Luminance in percentage	89
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Mercury Content(mg)	0.0
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Presence of Lead	Yes
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ACCESSORY

Remote	MR19
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Battereis	Yes (MR19 : AA x 2EA / L-Con : AAA x 2EA)
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Power Cable	Yes (TV Detached)
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ADDITIONAL FEATURE

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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