

## DISPLAY

Display Type	8K NanoCell
Screen Size	75"
Resolution	7680 x 4320
NanoCell Display	Yes
IPS Panel	Yes
Wide Viewing Angle	Yes
Wide Color Gamut	Nano Color Pro
Billion Rich Colors	Yes
Dimming	Full Array Dimming
Ultra Luminance	Ultra Luminance Pro
BLU Type	Direct
TruMotion / Refresh Rate	TM200 (Refresh Rate 100Hz)

## VIDEO(PICTURE QUALITY)

Processor	α9 Gen3 AI Processor 4K
AI Picture / Pro	AI Picture Pro
Face Enhancing	AI Picture Pro - Face Enhancing
AI Upscaling	AI Upscaling
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)
Image Enhancing	Image Enhancing on SQM

AI Brightness Control	Yes
HDR	Cinema HDR
Dolby Vision IQ	Yes (4K/2K)
HDR10 Pro	Yes (4K/2K)
HLG	Yes (4K/2K)
FILMMAKER MODE™	Yes
HDR Effect	Yes (4K/2K)
Dynamic Tone Mapping / Pro	HDR Dynamic Tone Mapping Pro
4K HFR	Yes
2K HFR	Yes
Motion Pro	Motion Pro
Dimming Algorithm	Luminance Optimizer for Local Dimming
Upscaler	8K Upscaler
HEVC (Video Decoder)	4K@120P, 10bit
VP9 (Video Decoder)	4K@60P, 10bit
AV1	4K@60p, 10bit
FreeSync™	Yes
HGIG Mode	Yes
Instant Game Response (ALLM)	Yes
Picture Mode	Yes 10 modes (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

## AUDIO

Speaker (sound output)	40W (WF:20W, 10W per Channel)
Channel	2.2ch
Direction	Down Firing
Simultaneous Audio Output	Yes (Optical Output or HP Support Model)
DOLBY ATMOS	Yes
AI Sound / Pro	AI Sound Pro
AI Acoustic Tuning	Yes
Surround mode	Ultra Surround
Clear Voice	Clear Voice IV
Bluetooth Surround Ready	Yes
WiSA Speakers	Yes (2.0ch)
LG Sound Sync	Yes
Auto Notification (Bluetooth easy pairing)	Yes
Sound Share	Yes
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X

## 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
Home Dashboard	Yes
Intelligent Edit	Yes
Auto Device Detection	Yes
Mobile Connectivity	Yes
LG TV Plus App	Yes
ThinQ App	Yes

## CONNECTIVITY

Screen Share	Yes
HDMI → HDMI Input	4 (Side)
<b>Version → Features Specified in HDMI 2.1</b>	Supports 4K@100Hz, eARC(Improved audio return channel), VRR (Variable Refresh Rate), ALLM (Automatic Low Latency Mode) as specified in HDMI 2.1 (4port)
Simplink (HDMI CEC)	Yes
eARC / ARC (Audio Return Channel)	eARC (HDMI 2)
USB	1 (Bottom)/2 (Side)
LAN	Yes (Bottom)
Composite In (AV)	Yes (Bottom, Gender Type)
RF In	2 (Bottom, RF/Sat)

<b>SPDIF (Optical Digital Audio Out)</b>	Yes (Bottom)
<b>Headphone out</b>	Yes (Bottom)
<b>Line out</b>	Yes (Headphone out common)
<b>IR Blaster</b>	Yes
<b>Wifi</b>	Yes (802.11ac)
<b>Bluetooth</b>	Yes (V5.0)

## SMART FUNCTION

<b>Operating System (OS)</b>	webOS Smart TV
<b>Number of CPUs</b>	Quad
<b>Magic Remote Control</b>	Built-In
<b>Quick Access</b>	Yes
<b>Universal Control</b>	Yes
<b>360° VR Play</b>	Yes
<b>Related Content Search</b>	Yes
<b>Art Gallery</b>	Yes
<b>LG Store</b>	Yes
<b>DIAL</b>	Yes
<b>Web Browser</b>	Yes
<b>Music Player</b>	Yes
<b>TV On With Mobile</b>	Yes
<b>Wi-Fi TV On</b>	Yes

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Bluetooth Low Energy On	Yes
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Network File Browser	Yes
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Block access to harmful site	Yes
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Hotel Mode	Yes
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Sports Alert	Yes
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Music Discovery	Yes
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## BROADCASTING SYSTEM

Digital TV Reception(Terrestrial,Cable,Satellite)	Yes
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Terrestrial	DVB-T2
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Cable	DVB-C
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Satellite	DVB-S2
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Analog TV Reception	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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## POWER & GREEN

Power Supply	AC (100-240V) (50-60Hz)
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Standby Power Consumption	Under 0.5W
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Energy saving Mode	Yes
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Illuminance Green sensor	Yes
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Energy Standard	Yes
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## ACCESSORY

Remote	MR20
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Batteries	Yes (AA x 2EA)
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AV Gender	Yes
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IR Blaster Cable	Yes
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Power Cable	Yes (TV Attached)
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## ADDITIONAL FEATURE

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	600 x 400
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## DIMENSIONS SET

Set Weight (with stand) Kg	38.7
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Set Weight (without stand) Kg	38
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Set Weight (shipping) Kg	48.9
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Set WxHxD (with stand) mm	1677 x 1025 x 361
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**Set WxHxD (without stand) mm** 1677 x 966 x 69.8

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**Set WxHxD (shipping) mm** 1823 x 1126 x 228

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