

## DISPLAY

Display Type	4K NanoCell
Screen Size	55
Resolution	3840*2160
Wide colour Gamut	Nano colour
Billion Rich colours	Yes
Dimming	Local Dimming
Ultra Luminance	Ultra Luminance
BLU Type	Edge
Refresh Rate	Refresh Rate 50Hz

## VIDEO(PICTURE QUALITY)

Processor	α5 Gen4 AI Processor 4K
AI Upscaling	4K Upscaling
Image Enhancing	Image Enhancing
AI Brightness Control	Yes
HDR	Active HDR
HDR10 Pro	4K/2K
HLG	4K/2K
FILMMAKER MODE™	Yes
Dynamic Tone Mapping / Pro	HDR Dynamic Tone Mapping

Upscaler	4K Upscaler
HEVC (Video Decoder)	4K@60P, 10bit
VP9 (Video Decoder)	4K@60P, 10bit
AV1	4K@60p, 10bit
HGIG Mode	Yes
Instant Game Response (VRR/ALLM)	- / Yes
Picture mode (Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))	9 modes

## AUDIO

Speaker (sound output)	20W (10W per Channel)
Channel	2.0 ch
Direction	Down Firing
Simultaneous Audio Output	Optical Output or HP Support Model
AI Sound / Pro	AI Sound
AI Acoustic Tuning	Yes
Surround mode	Ultra Surround
Clear Voice	Clear Voice III
Bluetooth Surround Ready	Yes
LG Sound Sync	Yes
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X

## AI FUNCTION

ThinQ	Yes
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Intelligent Voice Recognition (Magic remote required)	Yes
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LG Voice Search (Magic remote required)	Yes
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Home Dashboard	Yes
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Apple Homekit	Yes
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Mobile Connectivity	Yes
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Screen Share	Yes
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ThinQ App	Yes
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## SMART FUNCTION

Operating System (OS)	webOS 6.0 Smart TV
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Magic Remote Control	Included
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Quick Access	Yes
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Universal Control	Yes
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360° VR Play	Yes
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Web Browser	Yes
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Music Player	Yes
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TV On With Mobile	Yes
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Wi-Fi TV On	Yes
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Bluetooth Low Energy On	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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## 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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Time Machine (DVR)	Yes
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Digital Recording	Yes
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Analog DVR	Yes
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[DVB] Subtitle	Yes
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EPG (8days)	Yes
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## CONNECTIVITY

HDMI	4 (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)	eARC (HDMI 2)
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USB	1 (Rear)/1 (Side)
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LAN	Rear
RF In	2 (Rear, RF/Sat)
SPDIF (Optical Digital Audio Out)	Rear
Wi-Fi	802.11ac
Bluetooth	V5.0

## POWER & GREEN

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

## PRODUCT DIMENSIONS

Dimensions W/O Packaging, W/O Stand	1233 X 716 X 44.2
W/O Packaging, W/ Stand	1233 x 781 x 257
Product Box Dimensions	1360 x 810 x 152
Product Weight W/O packaging W/O Stand	16kg
Product Weight W/O packaging W/Stand	16.4 kg
Product Weight W/Packaging W/Stand	21kg

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## ACCESSORY

Remote	MR21
Batteries	AA x 2EA
Power Cable	Attached to TV

## ADDITIONAL FEATURES

OSD Language	15ea (JA) English, Spanish(español) French(français), Portuguese Russian, Indonesian Malayan, Vietnamese, Thai, Arabic, Kurdish, Afrikaans, Amharic, Hausa, swahili
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## WALL MOUNT

Slim Bracket Compatible	Yes
VESA Wall Mount compatible	Yes

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