

DISPLAY

Display Type	4K UHD
Screen Size	82"
Resolution	3840 x 2160
Ultra Luminance	Ultra Luminance
BLU Type	Direct
Refresh Rate	Refresh Rate 100Hz

VIDEO(PICTURE QUALITY)

Processor	α7 Gen4 AI Processor 4K
AI Picture / Pro	AI Picture
AI Upscaling	AI Upscaling
Auto Genre Selection	Dolby HDR
Image Enhancing	Image Enhancing
AI Brightness Control	Yes
HDR	Cinema HDR
Dolby Vision IQ	4K/2K
HDR10 Pro	4K/2K
HLG	4K/2K
FILMMAKER MODE™	Yes
Dynamic Tone Mapping / Pro	HDR Dynamic Tone Mapping

4K HFR	HDMI
2K HFR	HDMI
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 (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
DOLBY ATMOS	Yes
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
Intelligent Voice Recognition (Magic remote required)	Yes
LG Voice Search (Magic remote required)	Yes
Home Dashboard	Yes
Apple Homekit	Yes
Mobile Connectivity	Yes
Screen Share	Yes
ThinQ App	Yes

SMART FUNCTION

Operating System (OS)	webOS 6.0 Smart TV
Magic Remote Control	Included
Quick Access	Yes
Universal Control	Yes
360° VR Play	Yes
Art Gallery	Yes
Web Browser	Yes
Music Player	Yes

TV On With Mobile	Yes
-------------------	-----

Wi-Fi TV On	Yes
-------------	-----

Bluetooth Low Energy On	Yes
-------------------------	-----

Block access to harmful site	Yes
------------------------------	-----

Hotel Mode	Yes
------------	-----

Sports Alert	Yes
--------------	-----

BROADCASTING SYSTEM

Digital TV Reception(Terrestrial,Cable,Satellite)	Yes
---	-----

Terrestrial	DVB-T2
-------------	--------

Cable	DVB-C
-------	-------

Satellite	DVB-S2
-----------	--------

Analog TV Reception	Yes
---------------------	-----

Time Machine (DVR)	Yes
--------------------	-----

Digital Recording	Yes
-------------------	-----

Analog DVR	Yes
------------	-----

[DVB] Subtitle	Yes
----------------	-----

EPG (8days)	Yes
-------------	-----

CONNECTIVITY

HDMI	4 (Side)
------	----------

Version	HDMI 2.1 (2EA) / HDMI 2.0 (2EA)
---------	---------------------------------

Simplink (HDMI CEC)	Yes
eARC / ARC (Audio Return Channel)	eARC (HDMI 2)
USB	2 (Rear) / 1 (Side)
LAN	Rear
RF In	2 (Side, 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	1835 x 1052 x 59.9
W/O Packaging, W/ Stand	1835 x 1113 x 362
Product Box Dimensions	1985 x 1215 x 228
Product Weight W/O packaging WO/Stand	41.4

Product Weight W/O packaging W/Stand	42.1 kg
--	---------

Product Weight W/Packaging W/Stand	53 kg
--	-------

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
--------------	---

WALL MOUNT

Slim Bracket Compatible	Yes
-------------------------	-----

VESA Wall Mount compatible	Yes
----------------------------	-----
