

DISPLAY

Type	Rollable Display
Screen Size	65
Resolution	3840 x 2160
Wide Viewing Angle	Yes
Colour / Wide Colour Gamut	Perfect Colour
Colour display bits / Billion Rich Colours	Yes
Contrast / Perfect Black	Perfect Black
Contrast / Dimming	Pixel Dimming
Contrast / Ultra Luminance	Ultra Luminance Pro
Motion / Refresh Rate	Refresh Rate 120Hz

PLATFORM

Main Processor	α9 Gen4 AI Processor 8K
Operating System (OS)	webOS Smart TV
Number of CPUs	Quad

VIDEO

AI Picture / Pro	AI Picture Pro
Face Enhancing + Body/Object (8K Only)	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
Dynamic Tone Mapping / Pro (+ AI HDR Tone Mapping)	HDR Dynamic Tone Mapping Pro (+ AI HDR Tone Mapping)
4K HFR	Yes (RF: EU only)
2K HFR	Yes (RF: EU only)
Motion Pro	OLED Motion
Upscaler	4K Upscaler
HEVC	4K@120P, 10bit
VP9 (Video Decoder)	4K@60p, 10bit
AV1 (Video Decoder)	4K@60p, 10bit
HGIG Mode	Yes
Instant Game Response (VRR/ALLM)	- / Yes
Picture Mode	9 modes (Vivid, Standard, Eco, Cinema, Football, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

AUDIO

Speaker (Sound Output)	100W (WF: 40W, 15W per Channel)
Channel	4.2ch
Direction	Front Firing
Simultaneous Audio Output	Yes
Dolby Atmos	Yes
AI Sound / Pro	AI Sound Pro
AI Acoustic Tuning	Yes (Differ by region)
Surround mode => 21Y Spec Out	OLED Surround
Clear Voice	Clear Voice Pro
Bluetooth Surround Ready	Yes (Required Bluetooth)
WiSA Speakers	Yes: WiSA 5.1 ch
LG Sound Sync	Yes (Required Bluetooth)
Sound Share	Yes
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
Sound Mode Sync	Yes
Sound Alive	Yes
AI SMART FUNCTION	
ThinQ	Yes
Intelligent Voice Recognition	Yes
Speech to Text	Yes
LG Voice Search	Yes

Google Assistant	Yes
Amazon Alexa	Yes
AI UX	Yes
AI Home	Yes
AI Recommendation	Yes
Intelligent Edit	Yes
Home Dashboard	Yes
Apple Homekit	Yes
Google Home Connection	Yes
Amazon Echo Connection	Yes
Mobile Connectivity	Yes
Screen Share	Yes
ThinQ App	Yes
Airplay2	Yes
Next Picks	Yes
Magic Explorer	Yes
Magic Remote Control	Built-In
Quick Access	Yes
Universal Control	Yes
360° VR Play	Yes
Related Content Search	Yes
Audio Guidance (Text To Speech)	Yes

Art Gallery	Yes
Apps	Yes
DIAL	Yes
Web Browser	Yes
Music Player -> Media Player	Yes
LG Channels	Yes
TV On With Mobile	Yes
Wi-Fi TV On	Yes
Bluetooth Low Energy On	Yes (Required Bluetooth)
Network File Browser	Yes
Block access to harmful site	Yes
Live Plus (ACR-based Bilateral Service)	Yes
Hotel Mode	Yes
Sports Alert	Yes
Music Discovery	Yes
LED Lighting	Yes
Welcome mode	Yes
Partial view home	Yes
Motion Sensor	Yes

BROADCASTING SYSTEM

Digital TV Reception (Terrestrial,Cable,Satellite)	Yes
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Terrestrial	DVB-T2/T
Cable	DVB-C
Satellite	DVB-S2
Analog TV Reception	Yes
Multi Tuner	Twin Tuner
Data Broadcasting (Country Spec)	Yes
CI + (Common Interface)	CI+1.4
Teletext Page	Yes (2000 page)
Teletext (Top/Flof/List)	Yes (Flof)
[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	2 (Rear) / 1 (Side)
LAN	Yes (Rear)
CI Slot	Yes (Side)
RF In	3 (Bottom, RF/Sat)

SPDIF (Optical Digital Audio Out)	Yes (Rear)
Headphone Out	Yes (Rear)
Line out	Yes (Bottom, Headphone out common)
RS-232C (Control / SVC)	Yes (Rear, Phone Jack Type)
IR Blaster	Yes
Wifi	Yes (802.11ac)
Bluetooth	Yes (V5.0)

POWER

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

DIMENSIONS - WXHxD(MM)

Size W/O Carton, With Stand	1592 x 1276.3 x 266
Size W/ Carton, With Stand	1750 x 750 x 420
Stand (W x D)	1592 x 266
EAN Code	8806091154224

WEIGHT(KG)

Weight (TV)	64.0
Weight (TV + Stand)	91.0

Weight (W/Carton)	109.0
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ACCESSORY

Remote	PM21N
Batteries	Yes (AA x 2EA)
IR Blaster Cable	Yes
Power Cable	Yes (TV Attached)

ADDITIONAL FEATURE

Auto Calibration	Yes
OSD Language	37 Languages
Time Machine (DVR)	Yes
Digital Recording	Yes
Time Shift	Yes