

DISPLAY

Display Type	4K UHD
Screen Size (in.)	49
Resolution	3840 x 2160
IPS Panel	Yes
Viewing Angle	Wide Viewing Angle
BLU Type	Direct
TruMotion / Refresh Rate	TM100 (Refresh Rate 50Hz)

VIDEO

Picture Master Processor	Quad Core Processor
Image Enhancing	Image Enhancing
Dimming Algorithm	LG Local Contrast
HDR	4K Active HDR
HDR10 Pro	Yes (4K/2K)
HLG	Yes (4K/2K)
HDR Effect	Yes (4K/2K)
Dynamic Tone Mapping	HDR Dynamic Tone Mapping
Upscaler	4K Upscaler
HEVC	4K@60P, 10bit
VP9	4K@60p, 10bit

Instant Game Response	Yes (ALLM)
Picture Mode	Yes, 9 modes (Vivid, Standard, Eco, Cinema, Football, Game, HDR Effect, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))
AUDIO	
Output	20W (10W per channel)
Channel	2.0ch
Direction	Down Firing
Simultaneous Audio Output	Yes
Adaptive Sound Control	Yes
AI Acoustic Tuning	TV installation Type
Surround Mode	Ultra Surround
Clear Voice	Clear Voice III
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 TV(ARTIFICIAL INTELLIGENCE)

AI UX	Yes
AI Home	Yes
AI Recommendation	Yes
Intelligent Edit	Yes
Home Dashboard	Yes
Smart Speaker Compatible	Yes

Google Home Compatible	Yes
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Amazon Echo Compatible	Yes
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LG Smart Speaker	Yes
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Mobile Connectivity	Yes
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ThinQ App	Yes
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SMART TV

Operating System (OS)	webOS Smart TV 4.5
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Number of CPUs	Quad
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Quick Access	Yes
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360 VR	Yes
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Related Content Search	Yes (Magic Link)
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Audio Guidance(Text To Speech)	Yes
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LG Content Store	Yes
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DIAL	Yes
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Web Browser	Yes
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Music Player	Yes
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Mobile TV On	Yes
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Wi-Fi TV On	Yes
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Network File Browser	Yes
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Block access to harmful site	Yes
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Live Plus (ACR-based Bilateral Service)	Yes, webOS4.5
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Hotel Mode	Yes
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ADDITIONAL FEATURE

OSD Language	37 Languages
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Time Machine (DVR)	Yes
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Digital Recording	Yes
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Time Shift	Yes
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BROADCASTING SYSTEM

Digital TV Reception(Terrestrial,Cable,Satellite)	Yes
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Terrestrial	DVB-T2/T
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Cable	DVB-C
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Satellite	DVB-S2/S
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Analog TV Reception	Yes
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Data Broadcasting (Country Spec)	HbbTV
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CI + (Common Interface)	CI+1.4
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Teletext Page	1,000 page
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Teletext (Top/Flof/List)	Yes (Flof)
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Subtitle	Yes
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Audio Description	Yes
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EPG (8days)	Yes (Freeview Play EPG)
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CONNECTIVITY

Screen Share	Yes
HDMI	1 (Rear) / 2 (Side) (HDMI 2.0)
Simplink (HDMI CEC)	Yes
eARC / ARC (Audio Return Channel)	ARC (HDMI 2)
USB	1 (Rear) / 1 (Side)
LAN	Yes (Rear)
Component	Yes (Rear, Component in/AV in common)
Composite In (AV)	Yes (Rear, Component in/AV in common)
CI Slot	Yes (Side)
RF In	2 (Rear, RF/Sat)
SPDIF (Optical Digital Audio Out)	Yes (Rear)
Wifi	Yes (802.11ac)

POWER

Power Supply	AC 100~240V 50-60Hz
Energy Efficiency Class (A++ to E scale)	A+
Standby Power Consumption	Under 0.5W
Energy Saving Mode	Yes
Illuminance Green sensor	Yes

DIMENSIONS - WXHXD(MM)

Size W/O Carton, W/O Stand	1110 x 650 x 81.1
Size W/O Carton, With Stand	1110 x 705 x 235

Size W/ Carton, With Stand	1193 x 770 x 158
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Stand (W x D)	1030 x 235
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VESA	300 x 300
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EAN Code	8806098700479
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WEIGHT(KG)

Weight (TV)	11.1
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Weight (TV + Stand)	11.3
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Weight (W/Carton)	13.4
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ACCESSORY

Remote	Standard Remote
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Batteries	Yes (AAA x 2EA)
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Power Cable	Yes (TV Detached)
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COMPLIANCE INFORMATION

[ENERGY LABEL\(49UM7050PLF\)](#)

[PRODUCT FICHE\(49UM7050PLF\)](#)

[WEB INFO\(49UM7050PLF\)](#)

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