

## DISPLAY

Display Type	4K UHD
Screen Size (in.)	43
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
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
Dimming Algorithm	LG Local Contrast
Upscaler	4K Upscaler
HEVC	4K@60P, 10bit
VP9	4K@60p, 10bit

<b>Instant Game Response</b>	Yes (ALLM)
<b>Picture Mode</b>	Yes, 9 modes (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

## AUDIO

<b>Output</b>	20W (10W per channel)
<b>Channel</b>	2.0ch
<b>Direction</b>	Down Firing
<b>Simultaneous Audio Output</b>	Yes
<b>Adaptive Sound Control</b>	Yes
<b>AI Acoustic Tuning</b>	TV installation Type
<b>Surround Mode</b>	Ultra Surround
<b>Clear Voice</b>	Clear Voice III
<b>Audio Codec</b>	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)

<b>AI UX</b>	Yes
<b>AI Home</b>	Yes
<b>AI Recommendation</b>	Yes
<b>Intelligent Edit</b>	Yes
<b>Home Dashboard</b>	Yes
<b>Smart Speaker Compatible</b>	Yes

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

## SMART TV

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

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	977 x 575 x 80.8
Size W/O Carton, With Stand	977 x 615 x 187

Size W/ Carton, With Stand	1060 x 660 x 152
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Stand (W x D)	852 x 187
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VESA	200 x 200
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EAN Code	8806098700455
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## WEIGHT(KG)

Weight (TV)	8.3
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Weight (TV + Stand)	8.4
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Weight (W/Carton)	10.5
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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\(43UM7050PLF\)](#)

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[PRODUCT FICHE\(43UM7050PLF\)](#)

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[WEB INFO\(43UM7050PLF\)](#)

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[MORE COMPLIANCE INFORMATION](#)

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