

DISPLAY

Display Type	4K UHD
Screen Size (in.)	65
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

Instant Game Response	Yes (ALLM)
Picture Mode	Yes, 9 modes (Vivid,Standard,Eco,Cinema,Sports,Game,Photo,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
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
Time Machine (DVR)	Yes
Digital Recording	Yes
Time Shift	Yes

BROADCASTING SYSTEM

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

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

WEIGHT(KG)

Weight (TV)	21
Weight (TV + Stand)	21.2

Weight (W/Carton)	28.6
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DIMENSIONS - WXHxD(MM)

Size W/O Carton, W/O Stand	1468 x 854 x 89.9
Size W/O Carton, With Stand	1468 x 913 x 255
Size W/ Carton, With Stand	1600 x 970 x 190
Stand (W x D)	1348 x 255
VESA	300 x 300
EAN Code	8806098689194

ACCESSORY

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

COMPLIANCE INFORMATION

ENERGY LABEL(65UM7050PLA)_
PRODUCT FICHE(65UM7050PLA)_
WEB INFO(65UM7050PLA)_

MORE COMPLIANCE INFORMATION