

DISPLAY

Display Type	4K OLED
Screen Size (in.)	55
Resolution	3840 x 2160
Viewing Angle	Perfect Viewing Angle
Wide Colour Gamut	Perfect Colour
Billion Rich Colours	Yes
Perfect Black	Perfect Black
Dimming	Pixel Dimming
Ultra Luminance	Ultra Luminance Pro

VIDEO

Picture Master Processor	α 7 Gen3 Processor 4K
Deep Learning AI Picture	AI Picture
Face Enhancing	AI Picture Pro - Face Enhancing
Auto Genre Selection	Yes (Dolby HDR only)
Image Enhancing	Image Enhancing
AI Brightness	Yes
HDR	Cinema HDR
Dolby Vision IQ	Yes (4K/2K)
HDR10 Pro	Yes (4K/2K)

HLG	Yes (4K/2K)
FILMMAKER MODE™	Yes
HDR Effect	Yes (4K/2K)
Dynamic Tone Mapping	HDR Dynamic Tone Mapping
4K HFR	Yes
2K HFR	Yes
Motion Pro	OLED Motion Pro
Upscaler	4K Upscaler
HEVC	4K@120P, 10bit
VP9	4K@60p, 10bit
AV1	4K@60p, 10bit
G-Sync Compatible	Yes (2K/4K)
FreeSync™	Yes
HGIG Mode	Yes
Instant Game Response	Yes (VRR/ALLM)
Picture Mode	Yes, 10 modes (Vivid, Standard, Eco, Cinema, Sports, Game, HDR Effect, Filmmaker, (ISF) Expert (Bright Room), (ISF) Expert (Dark Room))

AUDIO

Output	40W (WF:20W, 10W per Channel)
Channel	2.2 ch
Direction	Down Firing

Simultaneous Audio Output	Yes
Dolby Atmos	Yes
AI Sound	AI Sound
AI Acoustic Tuning	Yes
Surround Mode	OLED Surround
Clear Voice	Clear Voice III
Bluetooth Surround Ready	Yes
WiSA Speakers	Yes
LG Sound Sync	Yes
Auto Notification	Yes (Bluetooth easy pairing)
Sound Share	Yes
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

AI TV(ARTIFICIAL INTELLIGENCE)

LG ThinQ AI	Yes
Intelligent Voice Recognition	Yes
Speech to Text	Yes
LG Voice Search	Yes
Google Assistant	Yes
Amazon Alexa Compatible	Yes
AI UX	Yes

AI Home	Yes
AI Recommendation	Yes
Intelligent Edit	Yes
Home Dashboard	Yes
Auto Device Detection	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
Number of CPUs	Quad
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
Gallery	Yes

LG Content Store	Yes
DIAL	Yes
Web Browser	Yes
Music Player	Yes
Mobile TV On	Yes
Wi-Fi TV On	Yes
Bluetooth Low Energy On	Yes
Network File Browser	Yes
Block access to harmful site	Yes
Live Plus (ACR-based Bilateral Service)	Yes, webOS5.0
Sports Alert	Yes
Music Discovery	Yes

ADDITIONAL FEATURE

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

BROADCASTING SYSTEM

Digital TV Reception(Terrestrial,Cable,Satellite)	Yes
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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	Yes (2000 page)
Teletext (Top/Flof/List)	Yes (Flof)
Subtitle	Yes
Audio Description	Yes
EPG (8days)	Yes

CONNECTIVITY

Screen Share	Yes
HDMI	2 (Rear)/2 (Side) (2 x HDMI 2.1, 2 x HDMI 2.0)
Simplink (HDMI CEC)	Yes
eARC / ARC (Audio Return Channel)	eARC (Rear, HDMI 3)
USB	1 (Rear)/2 (Side)
LAN	Yes (Rear)
CI Slot	Yes (Side)
RF In	2 (Rear, RF/Sat)
SPDIF (Optical Digital Audio Out)	Yes (Rear)

Headphone out	Yes (Rear)
Line out	Yes (Rear, headphone out common)
Wifi	Yes (802.11ac)
Bluetooth	Yes (V5.0)

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	1228 x 706 x 46.9
Size W/O Carton, With Stand	1228 x 744 x 246
Size W/ Carton, With Stand	1446 x 810 x 207
Stand Width	559
VESA	300 x 200
EAN Code	8806091024817

WEIGHT(KG)

Weight (TV)	18.9
Weight (TV + Stand)	19.9

Weight (W/Carton)

25.5

ACCESSORY

Remote

MR20

Battereis

Yes (AA x 2EA)

Power Cable

Yes (TV Attached)

COMPLIANCE INFORMATION

[ENERGY LABEL\(OLED55BX6LB\)](#)

[PRODUCT FICHE\(OLED55BX6LB\)](#)

[WEB INFO\(OLED55BX6LB\)](#)

[**MORE COMPLIANCE INFORMATION**](#)
