

Key Spec

Display Type 4K OLED	Refresh Rate 120Hz Native
Wide Colour Gamut OLED Colour	Picture Processor α11 AI Processor 4K
HDR (High Dynamic Range) Dolby Vision / HDR10 / HLG	G-Sync Compatible (Nvidia) Yes
FreeSync Compatible (AMD) Yes	Dolby Atmos Yes
TV Dimensions without Stand (WxHxD) 1441 x 836 x 24.3	TV Weight without Stand 23.5

All Spec

PICTURE (DISPLAY)

Display Type 4K OLED	Display Resolution 4K Ultra HD (3,840 x 2,160)
Refresh Rate 120Hz Native	Wide Colour Gamut OLED Colour

PICTURE (PROCESSING)

AI Genre Selection Yes (SDR/HDR)	AI Brightness Control Yes
Picture Processor α11 AI Processor 4K	HDR (High Dynamic Range) Dolby Vision / HDR10 / HLG
AI Upscaling α11 AI Super Upscaling 4K	FILMMAKER MODE™ Yes
Dynamic Tone Mapping Yes (OLED Dynamic Tone Mapping Pro)	HFR (High Frame Rate) 4K 120 fps (HDMI, RF, USB)
Picture Mode 10 modes (Personalized Picture Wizard, Vivid, Standard, APS(Auto Power Save), Cinema, S	Dimming Technology Pixel Dimming

ports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

Motion

OLED Motion

GAMING

FreeSync Compatible (AMD)

Yes

HGIG Mode

Yes

Game Optimiser

Yes (Game Dashboard)

ALLM (Auto Low Latency Mode)

Yes

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

G-Sync Compatible (Nvidia)

Yes

SMART TV

Operating System (OS)

webOS 24

ThinQ

Yes

USB Camera Compatible

Yes

Works with Apple Airplay2

Yes

Family Settings

Yes

Always Ready

Yes

Amazon Alexa

Yes (Built-in)

Full Web Browser

Yes

Hands-free Voice Control

Yes

Intelligent Voice Recognition

Yes

LG Channels

Yes

Magic Remote Control

Built-In

Multi View

Yes (Up to 4 views)

Smartphone Remote App

Yes (LG ThinQ)

The security update is supported until

31/12/2028

AUDIO

WiSA Ready

Yes (Up to 2.1 Channel)

LG Sound Sync

Yes

Sound Mode Share

Yes

Simultaneous Audio Output

Yes

Bluetooth Surround Ready

Dolby Atmos

Yes (2 Way Playback)

Yes

AI Sound

Clear Voice Pro

a11 AI Sound Pro (Virtual 11.1.2 Up-mix)

Yes (AI Voice Remastering)

Audio Output

AI Acoustic Tuning

60W

Yes

Audio Codec

Speaker Direction

AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

Down Firing

Speaker System

4.2 channel

CONNECTIVITY

SPDIF (Optical Digital Audio Out)

1ea

Simplink (HDMI CEC)

Yes

HDMI Audio Return Channel

eARC (HDMI 2)

Bluetooth Support

Yes (v 5.1)

Ethernet Input

1ea

HDMI Input

3ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (3 port))

CI Slot

1ea

RF Input (Antenna/Cable)

x3

USB Input

x2 (v 2.0)

Wi-Fi

Yes (Wi-Fi 6)

ACCESSIBILITY

High Contrast

Yes

Gray Scale

Yes

Invert Colors

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD)

1441 x 836 x 24.3

Packaging Dimensions (WxHxD)

1940 x 970 x 228

Packaging Weight (kg)

37.2

TV Weight without Stand

23.5

VESA Mounting (WxH)

300 x 300

EAN CODE (BARCODE)

EAN Code (Barcode)
8806084564429

POWER

Power Supply (Voltage, Hz)
AC 100~240V 50-60Hz

Standby Power Consumption
Under 0.5W

ACCESSORIES INCLUDED

Remote
Magic Remote MR24

IR Blaster Cable
Yes

Power Cable
Yes (TV Attached)

Remote Control Batteries
Yes (AA x 2)

COMPLIANCE INFORMATION



[Dismantling information\(OLED65M49LA\)](#)



[EU Energy label 2019\(OLED65M49LA\)](#)



[UK DoC\(OLED65M49LA\)](#)



[UK Energy label 2019\(OLED65M49LA\)](#)



[Product information sheet \(OLED65M49LA\)](#)



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