

DISPLAY

Type	4K OLED
Screen Size	77
Resolution	3840 x 2160
Colour / Wide Colour Gamut	Perfect Colour
Colour display bits / Billion Rich Colours	Yes
Contrast / Perfect Black	Perfect Black
Contrast / Dimming	Pixel Dimming
Refresh Rate	Refresh Rate 120Hz

PLATFORM

Main Processor	α9 Gen5 AI Processor 8K
Operating System (OS)	webOS Smart TV
Number of CPUs	Quad

VIDEO

AI Picture Pro	AI Picture Pro
AI Upscaling	AI Upscaling
AI Genre Selection	Yes (SDR/HDR/Dolby HDR)
AI Brightness Control	Yes
HDR	Cinema HDR
Dolby Vision IQ	Yes (4K/2K)

HDR10 Pro	Yes (4K/2K)
HLG	Yes (4K/2K)
FILMMAKER MODE™	Yes
Dynamic Tone Mapping / Pro	Dynamic Tone Mapping Pro
4K HFR	Yes
2K HFR	Yes
Motion Pro	OLED Motion
HEVC	4K@120P, 10bit
VP9 (Video Decoder)	4K@60p, 10bit
AV1 (Video Decoder)	4K@60p, 10bit
G-Sync Compatible	Yes
FreeSync Compatible	Yes
HGIG Mode	Yes
Game Optimizer (VRR/ALLM/GameGenre)	Yes / Yes / Yes
Picture Mode	9 modes (Vivid, Standard, Eco, Cinema, Football, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

AUDIO

Speaker (Sound Output)	60W (WF: 20W, 10W per Channel)
Channel	4.2 ch
Direction	Down Firing
Simultaneous Audio Output	Yes
DOLBY ATMOS	Yes

AI Sound / Pro	AI Sound Pro (Virtual 7.1.2 Up-mix)
AI Acoustic Tuning	Yes
Clear Voice Pro	Clear Voice Pro
Bluetooth Surround Ready	Yes
WiSA Speakers compatible	Yes
LG Sound Sync	Yes
Sound Share	Yes
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual) (Differ by region)
SoundBar Mode Control	Yes
TV Sound Mode Share	Yes

AI SMART FUNCTION

ThinQ	Yes (Differ by region)
Intelligent Voice Recognition	Yes
Speech to Text	Yes
LG Voice Search	Yes
Google Assistant	Yes (Differ by region)
Amazon Alexa	Yes (Differ by region)
AI Home	Yes
AI Recommendation	Yes
Intelligent Edit	Yes

Home Dashboard	Yes
Apple Homekit	Yes
Google Home Connection	Yes (Differ by region)
Amazon Echo Connection	Yes (Differ by region)
Screen Share	Yes
ThinQ App	Yes (Differ by region)
Airplay2	Yes
Remote Voice Recognition	Yes
Magic Remote Control	Built-In
Quick Access	Yes
Universal Control	Yes
360° VR Play	Yes
Related Content Search	Yes (Differ by region)
Audio Guidance (Text To Speech)	Yes
Art Gallery	Yes
Apps	Yes
DIAL	Yes
Web Browser	Yes
LG Channels	Yes (France, Germany, Spain, Italy, Austria, Switzerland)
TV On With Mobile	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
Hotel Mode	Yes
Who.Where.What?	UK Only
Sports Alert	Yes (Differ by region)
Music Discovery	Yes
Multi View	Yes (Differ by region)
Family settings	Yes
Always Ready	Yes
USB Camera Linkage	Yes
Motion Sensor	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)	Yes (Differ by region)
CI + (Common Interface)	CI+2.0 / CI+1.4
Teletext Page	Yes (2000 page)

Teletext (Top/Flof/List)	Yes (TOP: Austria, Germany, Italy, Switzerland,--, Flof: Others) / -
--------------------------	--

[DVB] Subtitle	Yes
----------------	-----

AD (Audio Description)	Yes
------------------------	-----

EPG (8days)	Yes (UK: Freeview Play EPG)
-------------	-----------------------------

CONNECTIVITY

HDMI	4 (Side)
------	----------

Simplink (HDMI CEC)	Yes
---------------------	-----

eARC / ARC (Audio Return Channel)	eARC (HDMI 2)
-----------------------------------	---------------

USB	3 (Side)
-----	----------

LAN	Yes (Side)
-----	------------

CI Slot	Yes (Side)
---------	------------

RF In	2 (Bottom RF/Sat)
-------	-------------------

SPDIF (Optical Digital Audio Out)	Yes (Side)
-----------------------------------	------------

IR Blaster	Yes
------------	-----

Wifi	Yes (802.11ax)
------	----------------

Bluetooth	Yes (V5.0)
-----------	------------

POWER

Power Supply	AC 100~240V 50-60Hz
--------------	---------------------

Standby Power Consumption	Under 0.5W
---------------------------	------------

Energy Saving Mode	Yes
--------------------	-----

Illuminance Green sensor	Yes
--------------------------	-----

DIMENSIONS - WXHxD(MM)

Size W/O Carton, W/O Stand	1712 x 976 x 24.8
----------------------------	-------------------

Size W/O Carton, With Stand	1712 x 1039 x 321
-----------------------------	-------------------

Size W/ Carton, With Stand	1895 x 1130 x 228
----------------------------	-------------------

Stand (W x D)	501 x 321
---------------	-----------

VESA	300 x 300
------	-----------

EAN Code	8806091612236
----------	---------------

WEIGHT(KG)

Weight (TV)	35.1
-------------	------

Weight (W/Carton)	48.5
-------------------	------

ACCESSORY

Remote	MR22GN (NFC)
--------	--------------

Battereis	Yes (AA x 2EA)
-----------	----------------

IR Blaster Cable	Yes
------------------	-----

Power Cable	Yes (TV Attached)
-------------	-------------------

ADDITIONAL FEATURE

Auto Calibration	Yes
------------------	-----

OSD Language	37 Languages
--------------	--------------

Time Machine (DVR)	Yes (Unavailable: Italy, Greece, Turkey)
--------------------	--

Digital Recording	Yes (Unavailable: Italy, Greece, Turkey)
-------------------	--

Time Shift	Yes (Available: Poland/Hungary/Czech Republic/Latvia/Romania)
-------------------	---

Watch & Record	Yes
---------------------------	-----

Slim Bracket Compatible	Yes
--------------------------------	-----

ACCESSIBILITY

High Contrast	Yes
----------------------	-----

Gray Scale	Yes
-------------------	-----

Invert Colors	Yes
----------------------	-----

COMPLIANCE INFORMATION

[EU Energy label 2019\(OLED77G26LA\)](#)

[UK Energy label 2019\(OLED77G26LA\)](#)

[Product information sheet \(OLED77G26LA\)](#)

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