

DISPLAY

Display Type	4K OLED
Screen Size (in.)	77
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	α9 Gen3 AI Processor 4K
Deep Learning AI Picture	AI Picture Pro
Face Enhancing	AI Picture Pro - Face Enhancing
AI Upscaling	AI Upscaling
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)
Image Enhancing	Image Enhancing on SQM
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 Pro
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	60W (WF:20W, 10W per Channel)
Channel	4.2 ch

Direction	Down Firing
Simultaneous Audio Output	Yes
Dolby Atmos	Yes
AI Sound	AI Sound Pro
AI Acoustic Tuning	Yes
Surround Mode	OLED Surround
Clear Voice	Clear Voice IV
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 – This feature is not available in Republic of Ireland.
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
Hands-free Voice Control	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
Time Shift	Yes
Slim Bracket Compatible	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 Yes (2000 page)

Teletext (Top/Flof/List) Yes (Flof)

Subtitle Yes

Audio Description Yes

EPG (8days) Yes

CONNECTIVITY

Screen Share Yes

HDMI 4 (Bottom) (HDMI 2.1)

Simplink (HDMI CEC) Yes

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

USB 3 (Side)

LAN Yes (Bottom)

CI Slot Yes (Side)

RF In	2 (Bottom, RF/Sat)
SPDIF (Optical Digital Audio Out)	Yes (Bottom)
Headphone out	Yes (Bottom)
Line out	Yes (Bottom, headphone out common)
IR Blaster	Yes
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	1721 x 991 x 24.1
Size W/O Carton, With Stand	1721 x 1050 x 323
Size W/ Carton, With Stand	1895 x 1130 x 228
Stand (W x D)	1623 x 323
VESA	300 x 300
EAN Code	8806098680788

WEIGHT(KG)

Weight (TV)	39.4
-------------	------

Weight (TV + Stand)	40.2
---------------------	------

Weight (W/Carton)	53.9
-------------------	------

ACCESSORY

Remote	MR20
--------	------

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

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

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

COMPLIANCE INFORMATION

[ENERGY LABEL\(OLED77GX6LA\)](#)

[PRODUCT FICHE\(OLED77GX6LA\)](#)

[WEB INFO\(OLED77GX6LA\)](#)

[MORE COMPLIANCE INFORMATION](#)
