

Key Specs

Display Type 4K OLED	Refresh Rate 120Hz Native
Wide Color Gamut OLED Color	Picture Processor a9 AI Processor 4K Gen6
HDR (High Dynamic Range) Dolby Vision / HDR10 / HLG	G-Sync Compatible (Nvidia) Yes
FreeSync Compatible (AMD) Yes	Audio Output 40W
Speaker System 2.2 channel	Dolby Atmos Yes
TV Dimensions without Stand (WxHxD) 1851 x 1062 x 55.3	TV Weight without Stand 32.3

All Spec

PICTURE (DISPLAY)

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

PICTURE (PROCESSING)

Picture Processor α9 AI Processor 4K Gen6	AI Picture AI Picture Pro	AI Upscaling AI Super Upscaling 4K	Dynamic Tone Mapping Yes (OLED Dynamic Tone Mapping Pro)
AI Genre Selection Yes (SDR/HDR)	AI Brightness Control Yes	HDR (High Dynamic Range) Dolby Vision / HDR10 / HLG	FILMMAKER MODE™ Yes
Dimming Technology Pixel Dimming	Motion OLED Motion	Picture Mode 10 modes (Personalized Picture Wizard, Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))	HFR (High Frame Rate) 4K 120 fps (HDMI, USB)

GAMING

G-Sync Compatible (Nvidia)	FreeSync Compatible (AMD)	HGIG Mode	Game Optimizer
Yes	Yes	Yes	Yes (Game Dashboard)
ALLM (Auto Low Latency Mode)	VRR (Variable Refresh Rate)		
Yes	Yes		

ACCESSIBILITY

High Contrast	Gray Scale	Invert Colors
Yes	Yes	Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD)	TV Dimensions with Stand (WxHxD)	Packaging Dimensions (WxHxD)	TV Stand (WxD)
1851 x 1062 x 55.3	1851 x 1092 x 279	2050 x 1210 x 285	1199 x 279
TV Weight without Stand	TV Weight with Stand	Packaging Weight	VESA Mounting (WxH)
32.3	41.6	56.0	400 x 400

AUDIO

Dolby Atmos
Yes

AI Sound
AI Sound
Pro (Virtual
9.1.2 Up-
mix)

Clear Voice
Pro
Yes

WiSA Ready
Yes (Up to
2.1 Channel)

LG Sound
Sync
Yes

Sound Mode
Share
Yes

Simultaneous
Audio Output
Yes

Bluetooth
Surround
Ready
Yes (2 Way
Playback)

Audio Output
40W

AI Acoustic
Tuning
Yes

Speaker
Direction
Down Firing
(Front
Firing when
standing)

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

Speaker
System
2.2 channel

CONNECTIVITY

HDMI Audio
Return
Channel
eARC
(HDMI 2)

Bluetooth
Support
Yes (v 5.0)

Ethernet
Input
1ea

Simplink
(HDMI CEC)
Yes

SPDIF
(Optical
Digital Audio
Out)
1ea

HDMI Input
4ea
(supports
4K 120Hz,
eARC, VRR,
ALLM, QMS
as specified
in HDMI 2.1
(4 port))

RF Input
(Antenna/Cab
le)
2ea

USB Input
3ea (v 2.0)

Wi-Fi
Yes (Wi-Fi
5)

SMART TV

Art Gallery
Yes

Sports Alert
Yes

Operating
System (OS)
webOS 23

ThinQ
Yes

Family
Settings
Yes

USB Camera
Compatible
Yes

Full Web
Browser
Yes

Multi View
Yes

Hands-free
Voice Control
Yes

Always Ready
Yes

Intelligent
Voice
Recognition
Yes
(Arabic/Tur
kiyish)

Room to
Room Share
Yes
(Sender/Re
ceiver)

Magic
Remote
Control
Built-In

Smartphone
Remote App
Yes (LG
ThinQ)

POWER

Power Supply (Voltage, Hz)	Standby Power Consumption
AC 100~240V 50-60Hz	Under 0.5W

ACCESSORIES INCLUDED

Remote Magic Remote	Remote Control Batteries Yes (AA x 2EA)	IR Blaster Cable Yes	Power Cable Yes (Attached)
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