

Key Specs

Display Type 4K OLED	Refresh Rate 120Hz Native
Wide Color Gamut OLED Color	Picture Processor α9 AI Processor 4K Gen7
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, mm) 1851 x 1062 x 55.3	TV Weight without Stand (kg) 32.3

All Spec

PICTURE (DISPLAY)

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

PICTURE (PROCESSING)

Picture Processor α9 AI Processor 4K Gen7	AI Upscaling α9 AI Super Upscaling 4K
Dynamic Tone Mapping Yes (OLED Dynamic Tone Mapping Pro)	AI Genre Selection Yes (SDR/HDR)
AI Brightness Control	HDR (High Dynamic Range)

Yes

Dolby Vision / HDR10 / HLG

FILMMAKER MODE™

Dimming Technology

Yes

Pixel Dimming

Motion

Picture Mode

OLED Motion

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)

Yes

Yes

HGIG Mode

Game Optimizer

Yes

Yes (Game Dashboard)

ALLM (Auto Low Latency Mode)

VRR (Variable Refresh Rate)

Yes

Yes (Up to 144Hz)

ACCESSIBILITY

High Contrast

Gray Scale

Yes

Yes

Invert Colors

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)

1851 x 1062 x 55.3

TV Dimensions with Stand (WxHxD, mm)

1851 x 1092 x 279

Packaging Dimensions (WxHxD, mm)

2050 x 1210 x 285

TV Stand (WxD, mm)

1199 x 279

TV Weight without Stand (kg)

32.3

TV Weight with Stand (kg)

41.6

Packaging Weight (kg)

56.0

VESA Mounting (WxH, mm)

400 x 400

AUDIO

Dolby Atmos

Yes

Clear Voice Pro

Yes (Auto Volume Leveling)

LG Sound Sync

Yes

Simultaneous Audio Output

Yes

Audio Output

40W

AI Acoustic Tuning

Yes

Audio Codec

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

AI Sound

a9 AI Sound Pro (Virtual 9.1.2 Up-mix)

WiSA Ready

Yes (Up to 2.1 Channel)

Sound Mode Share

Yes

Bluetooth Surround Ready

Yes (2 Way Playback)

Speaker System

2.2 channel

Speaker Direction

Down Firing (Front Firing when standing)

CONNECTIVITY

HDMI Audio Return Channel

eARC (HDMI 2)

Ethernet Input

1ea

SPDIF (Optical Digital Audio Out)

1ea

RF Input (Antenna/Cable)

2ea

Wi-Fi

Yes (Wi-Fi 5)

Bluetooth Support

Yes (v 5.1)

Simplink (HDMI CEC)

Yes

HDMI Input

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

USB Input

3ea (v 2.0)

SMART TV

Operating System (OS)

webOS 24

ThinQ

Family Settings

Yes

USB Camera Compatible

Yes

Yes

Always Ready

Intelligent Voice Recognition

Yes

Yes

Room to Room Share

Magic Remote Control

Yes (Sender/Receiver)

Built-In

Smartphone Remote App

Full Web Browser

Yes (LG ThinQ)

Yes

Multi View

Hands-free Voice Control

Yes

Yes

POWER

Power Supply (Voltage, Hz)

Standby Power Consumption

AC 100~240V 50-60Hz

Under 0.5W

ACCESSORIES INCLUDED

Remote

IR Blaster Cable

Magic Remote MR24

Yes

Power Cable

Remote Control Batteries

Yes (Attached)

Yes (AA x 2EA)