

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) 1441 x 826 x 45.1	TV Weight without Stand (kg) 16.6

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

FILMMAKER MODE™

Yes

Motion

OLED Motion

HFR (High Frame Rate)

4K 120 fps (HDMI, USB)

Dolby Vision / HDR10 / HLG

Dimming Technology

Pixel Dimming

Picture Mode

10 modes (Personalized Picture Wizard, Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

GAMING

G-Sync Compatible (Nvidia)

Yes

HGIG Mode

Yes

ALLM (Auto Low Latency Mode)

Yes

FreeSync Compatible (AMD)

Yes

Game Optimizer

Yes (Game Dashboard)

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

ACCESSIBILITY

High Contrast

Yes

Invert Colors

Yes

Gray Scale

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)

1441 x 826 x 45.1

Packaging Dimensions (WxHxD, mm)

1600 x 950 x 200

TV Weight without Stand (kg)

16.6

Packaging Weight (kg)

26.4

TV Dimensions with Stand (WxHxD, mm)

1441 x 880 x 230

TV Stand (WxD, mm)

470 x 230

TV Weight with Stand (kg)

18.5

VESA Mounting (WxH, mm)

300 x 200

AUDIO

Dolby Atmos

Yes

Clear Voice Pro

Yes (Auto Volume Leveling)

LG Sound Sync

Yes

Simultaneous Audio Output

Yes

Audio Output

40W

Speaker Direction

Down Firing

Speaker System

2.2 channel

AI Sound

α9 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)

AI Acoustic Tuning

Yes

Audio Codec

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

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

Family Settings

ThinQ

Yes

USB Camera Compatible

Yes

Yes

Multi View

Always Ready

Yes

Yes

Hands-free Voice Control

Intelligent Voice Recognition

Yes

Yes

Room to Room Share

Smartphone Remote App

Yes (Sender/Receiver)

Yes (LG ThinQ)

Full Web Browser

Magic Remote Control

Yes

Built-In

POWER

Power Supply (Voltage, Hz)

Standby Power Consumption

AC 100~240V 50-60Hz

Under 0.5W

ACCESSORIES INCLUDED

Remote

Remote Control Batteries

Magic Remote MR24

Yes (AA x 2EA)

IR Blaster Cable

Power Cable

Yes

Yes (Attached)