

Key Spec

Display Type 4K OLED	Refresh Rate 120Hz Native (VRR 144Hz)
Wide Color Gamut OLED Color	Picture Processor α9 AI Processor 4K Gen8
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) 1071 x 618 x 46.9	TV Weight without Stand 14.9

All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand 16.8	Packaging Dimensions (WxHxD) 1373 x 735 x 162
Packaging Weight (Overseas) 20.5	TV Dimensions without Stand (WxHxD) 1071 x 618 x 46.9
TV Dimensions with Stand (WxHxD) 1071 x 675 x 230	TV Stand (WxD) 470 x 230
TV Weight without Stand 14.9	VESA Mounting (WxH) 300 x 200

ACCESSIBILITY

Gray Scale
Yes

High Contrast
Yes

Invert Colors
Yes

ACCESSORIES INCLUDED

Power Cable
Yes (Attached)

Remote
Magic Remote MR25

AUDIO

AI Sound
α9 AI Sound Pro (Virtual 11.1.2 Up-mix)

AI Acoustic Tuning
Yes

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

Audio Output
40W

Bluetooth Surround Ready
Yes (2 Way Playback)

Clear Voice Pro
Yes (AI Voice Remastering)

Dolby Atmos
Yes

LG Sound Sync
Yes

Simultaneous Audio Output
Yes

Sound Mode Share
Yes

Speaker Direction
Down Firing

Speaker System
2.2 channel

WiSA Ready
Yes (Up to 2.1 Channel)

WOW Orchestra
Yes

BASIC INFORMATION

Year of release
Definable Spec Only in LG.COM

BROADCASTING

Analog TV Reception

Digital TV Reception

Yes

ATSC1.0 (Terrestrial), QAM (Cable)

CONNECTIVITY

Bluetooth Support Yes (v 5.3)	Ethernet Input 1ea
HDMI Audio Return Channel eARC (HDMI 2)	HDMI Input 4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
RF Input (Antenna/Cable) 1ea	Simplink (HDMI CEC) Yes
SPDIF (Optical Digital Audio Out) 1ea	USB Input 3ea (v 2.0)
Wi-Fi Yes (Wi-Fi 6E)	

GAMING

Game Optimizer Yes (Game Dashboard)	ALLM (Auto Low Latency Mode) Yes
Dolby Vision for Gaming (4K 120Hz) Yes	FreeSync Compatible (AMD) Yes
G-Sync Compatible (Nvidia) Yes	HGIG Mode Yes
Response Time Less than 0.1ms	VRR (Variable Refresh Rate) Yes (Up to 144Hz)

PICTURE (DISPLAY)

Display Resolution 4K Ultra HD (3,840 x 2,160)	Display Type 4K OLED
Refresh Rate 120Hz Native (VRR 144Hz)	Wide Color Gamut OLED Color

PICTURE (PROCESSING)

AI Upscaling	AI Brightness Control
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α9 AI Super Upscaling 4K

AI Genre Selection

Yes (SDR/HDR)

Auto Calibration

Yes

Dynamic Tone Mapping

Yes (OLED Dynamic Tone Mapping Pro)

HDR (High Dynamic Range)

Dolby Vision / HDR10 / HLG

Motion

OLED Motion

Picture Processor

α9 AI Processor 4K Gen8

Yes

AI Picture Pro

Yes

Dimming Technology

Pixel Dimming

FILMMAKER MODE™

Yes

HFR (High Frame Rate)

4K 120 fps (HDMI, USB)

Picture Mode

10 modes

QMS (Quick Media Switching)

Yes

POWER

Power Supply (Voltage, Hz)

AC 120V, 50/60Hz

Standby Power Consumption

Under 0.5W

SMART TV

AI Chatbot

Yes

Always Ready

Yes

Full Web Browser

Yes

Google Cast

Yes

Google Home / Hub

Yes

Hands-free Voice Control

Yes

Home Hub

Yes

Intelligent Voice Recognition

Yes

Magic Remote Control

Built-In

Multi View

Yes

Operating System (OS)

webOS 25

Smartphone Remote App

Yes (LG ThinQ)

USB Camera Compatible

Yes

Voice ID

Yes

Works with Apple Airplay

Yes

Works with Apple Home

Yes

