

## Key Specs

Display Type <b>4K OLED</b>	Refresh Rate <b>120Hz Native</b>
Wide Color Gamut <b>OLED Color</b>	Picture Processor <b>α8 AI Processor 4K</b>
HDR (High Dynamic Range) <b>Dolby Vision / HDR10 / HLG</b>	G-Sync Compatible (Nvidia) <b>Yes</b>
FreeSync Compatible (AMD) <b>Yes</b>	Audio Output <b>20W</b>
Speaker System <b>2.0 channel</b>	Dolby Atmos <b>Yes</b>
TV Dimensions without Stand (WxHxD, mm) <b>1070 x 620 x 45.9</b>	TV Weight without Stand (kg) <b>11.5</b>

## All Spec

### PICTURE (DISPLAY)

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

### PICTURE (PROCESSING)

Picture Processor <b>α8 AI Processor 4K</b>	AI Upscaling <b>α8 AI Super Upscaling 4K</b>
Dynamic Tone Mapping <b>Yes (Dynamic Tone Mapping Pro)</b>	AI Genre Selection <b>Yes (SDR/HDR)</b>
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)

## GAMING

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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

## ACCESSIBILITY

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High Contrast

Gray Scale

Yes

Yes

Invert Colors

Yes

## DIMENSIONS AND WEIGHTS

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TV Dimensions without Stand (WxHxD, mm)

1070 x 620 x 45.9

TV Dimensions with Stand (WxHxD, mm)

1070 x 684 x 235

Packaging Dimensions (WxHxD, mm)

1220 x 735 x 152

TV Stand (WxD, mm)

933 x 235

TV Weight without Stand (kg)

11.5

TV Weight with Stand (kg)

11.7

Packaging Weight (kg)

14.5

VESA Mounting (WxH, mm)

300 x 200

# AUDIO

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Dolby Atmos

**Yes**

Clear Voice Pro

**Yes (Auto Volume Leveling)**

LG Sound Sync

**Yes**

Simultaneous Audio Output

**Yes**

Audio Output

**20W**

Speaker Direction

**Down Firing**

AI Acoustic Tuning

**Yes**

AI Sound

**a8 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)**

Audio Codec

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

Speaker System

**2.0 channel**

# CONNECTIVITY

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HDMI Audio Return Channel

**eARC (HDMI 3)**

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

**2ea (v 2.0)**

# SMART TV

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Operating System (OS)

**webOS 24**

Family Settings

ThinQ

**Yes**

USB Camera Compatible

Yes

Yes

Full Web Browser

Multi View

Yes

Yes

Intelligent Voice Recognition

Always Ready

Yes

Yes

Magic Remote Control

Room to Room Share

Built-In

Yes (Receiver)

Smartphone Remote App

Yes (LG ThinQ)

## POWER

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Power Supply (Voltage, Hz)

AC 100~240V 50-60Hz

Standby Power Consumption

Under 0.5W

## ACCESSORIES INCLUDED

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Remote

Magic Remote MR24

Remote Control Batteries

Yes (AA x 2EA)

Power Cable

Yes (Attached)