

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) 1222 x 703 x 45.1	TV Weight without Stand 14.1

All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand 16.0	Packaging Dimensions (WxHxD) 1360 x 810 x 187
Packaging Weight (Overseas) 21.3	TV Dimensions without Stand (WxHxD) 1222 x 703 x 45.1
TV Dimensions with Stand (WxHxD) 1222 x 757 x 230	TV Stand (WxD) 470 x 230
TV Weight without Stand 14.1	VESA Mounting (WxH) 300 x 200

ACCESSIBILITY

Gray Scale Yes	High Contrast Yes
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Invert Colors
Yes

ACCESSORIES INCLUDED

Power Cable Yes (Attached)	Remote Magic Remote MR25
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AUDIO

AI Sound a9 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

BROADCASTING

Analog TV Reception Yes	Digital TV Reception ATSC1.0 (Terrestrial), QAM (Cable)
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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

α9 AI Super Upscaling 4K

AI Brightness Control

Yes

AI Genre Selection

Yes (SDR/HDR)

AI Picture Pro

Yes

Auto Calibration

Yes

Dimming Technology

Pixel Dimming

Dynamic Tone Mapping

Yes (OLED Dynamic Tone Mapping Pro)

FILMMAKER MODE™

Yes

HDR (High Dynamic Range)
Dolby Vision / HDR10 / HLG

Motion
OLED Motion

Picture Processor
α9 AI Processor 4K Gen8

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

Full Web Browser
Yes

Google Home / Hub
Yes

Home Hub
Yes

Magic Remote Control
Built-In

Operating System (OS)
webOS 25

USB Camera Compatible
Yes

Works with Apple Airplay
Yes

Always Ready
Yes

Google Cast
Yes

Hands-free Voice Control
Yes

Intelligent Voice Recognition
Yes

Multi View
Yes

Smartphone Remote App
Yes (LG ThinQ)

Voice ID
Yes

Works with Apple Home
Yes