

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	α7 Gen6 AI Processor 4K	AI Picture	AI Picture Pro
AI Upscaling	AI Super Upscaling 4K	AI Genre Selection	Yes (SDR/HDR)
AI Brightness Control	Yes	HDR (High Dynamic Range)	Dolby Vision / HDR10 / HLG
FILMMAKER MODE™	Yes	HFR (High Frame Rate)	4K 120 fps (HDMI, USB)
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)	Dimming Technology	Pixel Dimming
Motion	OLED Motion	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	FreeSync Compatible (AMD)	Yes
HGIG Mode	Yes	Game Optimizer	Yes (Game Dashboard)
ALLM (Auto Low Latency Mode)	Yes	VRR (Variable Refresh Rate)	Yes

SMART TV

Operating System (OS)	webOS 23	ThinQ	Yes
Intelligent Voice Recognition	Yes	Magic Remote Control	Built-In
Smartphone Remote App	Yes (LG ThinQ)	Hands-free Voice Control	Yes
Art Gallery	Yes	Full Web Browser	Yes
Sports Alert	Yes	Multi View	Yes
Room to Room Share	Yes (Sender/Receiver)	Family Settings	Yes
Always Ready	Yes	USB Camera Compatible	Yes

AUDIO

Audio Output	40W	Speaker System	2.2 channel
Speaker Direction	Down Firing	Dolby Atmos	Yes
AI Sound	AI Sound Pro (Virtual 9.1.2 Up-mix)	Clear Voice Pro	Yes
AI Acoustic Tuning	Yes	WiSA Ready	Yes (Up to 2.1 Channel)
LG Sound Sync	Yes	Sound Mode Share	Yes
Simultaneous Audio Output	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)		

CONNECTIVITY

HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS as specified in HDMI 2.1 (4 port))	Simplink (HDMI CEC)	Yes
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HDMI Audio Return Channel	eARC (HDMI 2)	USB Input	3ea (v 2.0)
Wi-Fi	Yes (Wi-Fi 5)	Bluetooth Support	Yes (v 5.0)
Ethernet Input	1 ea	RF Input (Antenna/Cable)	1 ea
SPDIF (Optical Digital Audio Out)	1 ea		

ACCESSIBILITY

High Contrast	Yes	Gray Scale	Yes
Invert Colors	Yes		

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD)	1222 x 703 x 45.1	TV Dimensions with Stand (WxHxD)	1222 x 757 x 230
Packaging Dimensions (WxHxD)	1420 x 835 x 187	TV Stand (WxD)	470 x 230
TV Weight without Stand	14.1	TV Weight with Stand	16.0
Packaging Weight (Overseas)	22.2	VESA Mounting (WxH)	300 x 200

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz	Standby Power Consumption	Under 0.5W
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ACCESSORIES INCLUDED

Remote	Magic Remote	Remote Control Batteries	Yes (AA x 2EA)
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Power Cable

Yes (Attached)

IR Blaster Cable

Yes
