

PICTURE (DISPLAY)

Display Type	4K QNED MiniLED	Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Mini LED	Refresh Rate	120Hz Native
Wide Color Gamut	QNED Color Pro		

PICTURE (PROCESSING)

Picture Processor	α8 AI Processor 4K	AI Upscaling	α8 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)	Dynamic Tone Mapping	Yes (Dynamic Tone Mapping Pro)
Dimming Technology	Precision Dimming	Motion	Motion Pro
Picture Mode	10 modes (Personalized Picture Wizard, Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))		

GAMING

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 24	ThinQ	Yes
Intelligent Voice Recognition	Yes	Magic Remote Control	Built-In
Works with Apple Airplay2	Yes	Smartphone Remote App	Yes (LG ThinQ)
Full Web Browser	Yes	Multi View	Yes
Room to Room Share	Yes (Receiver)	Family Settings	Yes
Always Ready	Yes	USB Camera Compatible	Yes

AUDIO

Audio Output	40W	Speaker System	2.2 Channel
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Speaker Direction	Down Firing	Dolby Atmos	Yes
AI Sound	α8 AI Sound Pro (Virtual 9.1.2 Up-mix)	Clear Voice Pro	Yes (Auto Volume Leveling)
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 (4 port))	Simplink (HDMI CEC)	Yes
HDMI Audio Return Channel	eARC (HDMI 3)	USB Input	2ea (v 2.0)
Wi-Fi	Yes (Wi-Fi 5)	Bluetooth Support	Yes (v 5.1)
Ethernet Input	1ea	RF Input (Antenna/Cable)	2ea
SPDIF (Optical Digital Audio Out)	1ea		

ACCESSIBILITY

High Contrast	Yes	Gray Scale	Yes
Invert Colors	Yes		

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)	1673 x 963 x 44.9	TV Dimensions with Stand (WxHxD, mm)	1673 x 1040 x 370
Packaging Dimensions (WxHxD, mm)	1820 x 1205 x 253	TV Stand (WxD, mm)	380 x 370
TV Weight without Stand (kg)	41.9	TV Weight with Stand (kg)	50.1
Packaging Weight (kg)	61.5	VESA Mounting (WxH, mm)	400 x 400

POWER

Power Supply (Voltage, Hz)	AC 100~240V 50-60Hz	Standby Power Consumption	Under 0.5W
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ACCESSORIES INCLUDED

Remote	Magic Remote MR24	Remote Control	Yes (AA x 2EA)
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Batteries

Power Cable	Yes (Attached)
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