

PICTURE (DISPLAY)

Display Type	4K QNED	Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Edge	Refresh Rate	120Hz Native
Wide Color Gamut	QNED 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)	HDR10 / HLG
FILMMAKER MODE™	Yes	HFR (High Frame Rate)	4K 120 fps (HDMI)
Dynamic Tone Mapping	Yes	Dimming Technology	Local 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 23	ThinQ	Yes
Intelligent Voice Recognition	Yes	Magic Remote Control	Built-In
Smartphone Remote App	Yes (LG ThinQ)	Art Gallery	Yes
Full Web Browser	Yes	Sports Alert	Yes
Multi View	Yes	Room to Room Share	Yes (Receiver)
Family Settings	Yes	USB Camera Compatible	Yes

AUDIO

Audio Output	20W	Speaker System	2.0 channel
Speaker Direction	Down Firing	AI Sound	AI Sound Pro (Virtual 5.1.2 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 (2 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 5.0)
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)	1 456 x 840 x 29.7	TV Dimensions with Stand (WxHxD)	1 456 x 904 x 295
Packaging Dimensions (WxHxD)	1 660 x 970 x 172	TV Stand (WxD)	11 67 x 295
TV Weight without Stand	22.5	TV Weight with Stand	22.9
Packaging Weight (Overseas)	29.8	VESA Mounting (WxH)	300 x 300

POWER

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

ACCESSORIES INCLUDED

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

Power Cable

Yes (Detachable)
