

IMAGE/DISPLAY

Display type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Image update	Native 120Hz
Wide Color Gamut	OLED Color

IMAGE PROCESSING

Processor	α9 AI Processor 4K 7th generation
AI Upscaling	α9 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, RF, USB)
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)
Dimming Technology	Pixel Dimming
Motion display	OLED Motion
Picture mode	10 modes (Custom image, Vivid, Original, Auto power saving, Cinema, Sports, Game, Filmmaker, Expert(bright space, day), Expert(dark space, night))

GAMING

G-Sync Compatible (Nvidia)	Yes
FreeSync Compatible (AMD)	Yes
HGIG Mod	Yes
Game optimizer	Yes (Game Control Panel)
ALLM (Auto Low Latency Mode)	Yes
VRR (Variable Refresh Rate)	Yes (up to 144Hz)

SMART TV

Operating System (OS)	webOS 24
ThinQ	Yes
Intelligent Voice Recognition	Yes
Magic Remote	Accessory
Apple Airplay2 compatible	Yes
Telephone Application	Yes (LG ThinQ)
Hands-free voice control	Yes
Browser	Yes
Multi View	Yes
Family Settings	Yes
Continuous Standby	Yes

USB Camera Compatible	Yes
AUDIO	
Speaker Direction	Downward facing
Dolby Atmos	Yes
AI Sound	α9 AI Sound Pro (Virtual 9.1.2 Up-mix)
Clear Voice Pro	Yes (Auto Volume)
AI Acoustic Tuning	Yes
WiSA Support	Yes (up to Channel 2.1)
LG Sound Sync	Yes
Sound Mode Share	Yes
Simultaneous Audio Output	Yes
Bluetooth Surround Ready	Yes (two-way playback)
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (See manual)
CONNECTORS	
HDMI Input	4 pcs (with 4K 120Hz, eARC, VRR, ALLM, QMS support (HDMI 4))
Simplink (HDMI CEC)	Yes
HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	3 pcs (v 2.0)
Wi-Fi	Yes (Wi-Fi 5)

Bluetooth Support	Yes (v 5.1)
Ethernet Input	1 pc
CI Reservation	1 pc
RF In (Antenna/Cable)	2 pcs
SPDIF (Optical Digital Audio Output)	1 pc

ASSISTANCE OPPORTUNITIES

High Contrast	Yes
Shades of gray	Yes
Inverted Colors	Yes

DIMENSIONS AND WEIGHT

TV size without stand (WxHxD mm)	1,711 x 982 x 47.1
TV size with stand (WxHxD mm)	1711 x 1035 x 267
Packaging size (WxHxD mm)	1,879 x 1,130 x 228
TV Stand (HxD mm)	520x267
TV weight without stand (kg)	23.5
TV weight with stand (kg)	27.1
Package weight (kg)	38.5
VESA (SixH mm)	300 x 200

ENERGY

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

ACCESSORIES IN THE PACKAGE

Remote controller	Magic Remote MR24
Remote control elements	Yes (AA x 2pcs)
Power cord	Yes (Integrated)

BAR CODE

BAR CODE	8806091908025
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