

DISPLAY

Display Type	4K OLED
Display Resolution	4K Ultra HD (3,840 x 2,160)
Display Size	83
Refresh Rate	120Hz Native
Perfect Black	Yes
Wide Color Gamut	OLED Color
Picture Processor	α11 AI Processor 4K
Number of CPUs	Quad
AI Picture Pro	Yes
AI Upscaling	α11 AI Super Upscaling 4K
Dynamic Tone Mapping	Yes (OLED Dynamic Tone Mapping Pro)
HDR Expression Enhancer	Yes
AI Emotional Remastering	Yes
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)

Dimming Technology	Pixel Dimming
Motion	OLED Motion
QMS (Quick Media Switching)	Yes
HEVC	4K@120p, 10bit
VP9 (Video Decoder)	4K@60p, 10bit
AV1 (Video Decoder)	4K@60p, 10bit
Auto Calibration	Yes
Picture Mode	10 modes (Personalized Picture Wizard, Vivid, Standard, Auto Power Save, Cinema, Sports, Game, Filmmaker, (ISF) Expert (Bright Room), (ISF) Expert (Dark Room))

FEATURES

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
Response Time	Less than 0.1ms
Dolby Vision for Gaming (4K 120Hz)	Yes
Operating System (OS)	webOS 24
ThinQ	Yes

Intelligent Voice Recognition	Yes
Magic Remote Control	Built-In
Amazon Alexa	Yes (Built-in)
Works with Hey Google	Yes
Home	Yes
AI Recommendation	Yes
Home Hub	Yes
LG Hub	Yes
Works with Apple Home	Yes
Works with Apple Airplay2	Yes
Smartphone Remote App	Yes (LG ThinQ)
Hands-free Voice Control	Yes
App Store	Yes (App)
Full Web Browser	Yes
LG Channels	Yes
Live Plus	Yes
Who.Where.What?	Yes
Sports	Yes
Multi View	Yes (Up to 4 views)
Room to Room Share	Yes (Sender/Receiver)

Family Settings	Yes
Always Ready	Yes
USB Camera Compatible	Yes
Home Office	Yes
Game Service	Yes
Music Service	Yes
Matter	Yes
AI Concierge	Yes
Tips	Yes
High Contrast	Yes
Gray Scale	Yes
Invert Colors	Yes

AUDIO

Audio Output	60W
Woofer / per Channel Output	20W Woofer plus 10W x 4
Speaker System	4.2 channel
Speaker Direction	Down Firing
Dolby Atmos	Yes
DTS:X (by-pass only)	Yes

AI Sound	α11 AI Sound Pro (Virtual 11.1.2 Up-mix)
Clear Voice Pro	Yes (AI Voice Remastering)
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)
WOW Orchestra	Yes
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HEAAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

BROADCASTING

Digital TV Reception	ATSC1.0 (Terrestrial), QAM (Cable)
Analog TV Reception	Yes
[ATSC] Closed Captioning	Yes
AD (Audio Description)	Yes
Program Guide (8 days)	Yes

CONNECTIVITY

HDMI Input	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
Simplink (HDMI CEC)	Yes

HDMI Audio Return Channel	eARC (HDMI 2)
USB Input	3ea (v 2.0)
Wi-Fi	Yes (Wi-Fi 6E)
Bluetooth Support	Yes (v 5.1)
Ethernet Input	1 ea
RF Input (Antenna/Cable)	1 ea
SPDIF (Optical Digital Audio Out)	1 ea
RS-232C Input (Min Jack)	Yes
IR Blaster	Yes

ELECTRICAL

Power Supply (Voltage, Hz)	120Vac, 50/60Hz
Standby Power Consumption	Less Than 0.5W
Energy saving Mode	Yes
Illuminance Green sensor	Yes
Energy Standard	Yes

MECHANICAL

Weight without Stand	90.2 lbs. / 40.9 kg
Weight with Stand	104.7 lbs. / 47.5 kg
Shipping Weight	124.1 lbs. / 56.3 kg

Dimensions without Stand (W x H x D)	72.7 x 43.9 x 1.1 in. 1847 x 1057 x 28 mm
Dimensions with Stand (W x H x D)	72.7 x 43.9 x 12.6 in. 1847 x 1115 x 321 mm
Shipping Dimensions (W x H x D)	80.7 x 47.6 x 10.0 in. 2050 x 1210 x 253 mm

WARRANTY & ACCESSORIES

3 Year Limited	3 Year Limited
Remote	Magic Remote MR24 with NFC
Remote Control Batteries	Yes (AA x 2EA)
Power Cable	Yes (Attached)
Onscreen Display Language	4 languages (webOS) (English/Espanol/Francis/Korean)