

All Spec

PICTURE (DISPLAY)

Display Type
4K QNED

Backlight Type
Direct

Wide Color Gamut
QNED Color

Display Resolution
4K Ultra HD (3,840 x 2,160)

Refresh Rate
120Hz Native

PICTURE (PROCESSING)

Picture Processor
α8 AI Processor 4K

Dynamic Tone Mapping
Yes (Dynamic Tone Mapping Pro)

HDR (High Dynamic Range)
HDR10 / HLG

Dimming Technology
Precision Dimming

Picture Mode
10 modes (Personalized Picture Wizard, Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))

AI Upscaling
α8 AI Super Upscaling 4K

AI Genre Selection
Yes (SDR/HDR)

FILMMAKER MODE™
Yes

Motion
Motion Pro

HFR (High Frame Rate)
4K 120 fps (HDMI)

GAMING

FreeSync Compatible (AMD)
Yes

Game Optimizer
Yes (Game Dashboard)

VRR (Variable Refresh Rate)
Yes

HGIG Mode
Yes

ALLM (Auto Low Latency Mode)
Yes

ACCESSIBILITY

High Contrast

Yes

Invert Colors

Yes

Gray Scale

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)

2182 x 1258 x 110.4

Packaging Dimensions (WxHxD, mm)

2395 x 1633 x 285

TV Weight without Stand (kg)

61.2

Packaging Weight (kg)

103.0

TV Dimensions with Stand (WxHxD, mm)

2182 x 1358 x 464.6

TV Stand (WxD, mm)

1826 x 464.6

TV Weight with Stand (kg)

65.1

VESA Mounting (WxH, mm)

800 x 400

AUDIO

AI Sound

α8 AI Sound Pro (Virtual 9.1.2 Up-mix)

WiSA Ready

Yes (Up to 2.1 Channel)

Sound Mode Share

Yes

Bluetooth Surround Ready

Yes (2 Way Playback)

AI Acoustic Tuning

Yes

Speaker Direction

Down Firing

Clear Voice Pro

Yes (Auto Volume Leveling)

LG Sound Sync

Yes

Simultaneous Audio Output

Yes

Audio Output

40W

Audio Codec

AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)

Speaker System

2.2 channel

CONNECTIVITY

HDMI Audio Return Channel
eARC (HDMI 3)

Ethernet Input
1ea

SPDIF (Optical Digital Audio Out)
1ea

RF Input (Antenna/Cable)
2ea

Wi-Fi
Yes (Wi-Fi 5)

Bluetooth Support
Yes (v 5.1)

Simplink (HDMI CEC)
Yes

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

USB Input
2ea (v 2.0)

SMART TV

Operating System (OS)
webOS 24

ThinQ
Yes

Always Ready
Yes

Intelligent Voice Recognition
Yes

Multi View
Yes

Smartphone Remote App
Yes (LG ThinQ)

Family Settings
Yes

USB Camera Compatible
Yes

Full Web Browser
Yes

Magic Remote Control
Built-In

Room to Room Share
Yes (Receiver)

POWER

Power Supply (Voltage, Hz)
AC 110~240V 50-60Hz

Standby Power Consumption
Under 0.5W

ACCESSORIES INCLUDED

Remote
Magic Remote MR24

Remote Control Batteries

Power Cable
Yes (Detachable)

Yes (AA x 2EA)