

Key Spec

Display Type 4K QNED	Refresh Rate 120Hz Native (VRR 144Hz)
Picture Processor α8 AI Processor 4K Gen2	HDR (High Dynamic Range) HDR10 / HLG
FreeSync Compatible (AMD) Yes	Audio Output 20W
Speaker System 2.0 channel	

All Spec

ACCESSIBILITY

Gray Scale Yes	High Contrast Yes
Invert Colors Yes	

ACCESSORIES INCLUDED

Power Cable Yes (Detachable)	Remote Magic Remote MR25
---------------------------------	-----------------------------

AUDIO

AI Sound α8 AI Sound Pro (Virtual 9.1.2 Up-mix)	AI Acoustic Tuning Yes
Audio Codec AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)	Audio Output 20W

Bluetooth Surround Ready
Yes (2 Way Playback)

LG Sound Sync
Yes

Sound Mode Share
Yes

Speaker System
2.0 channel

WOW Orchestra
Yes

Clear Voice Pro
Yes (Auto Volume Leveling)

Simultaneous Audio Output
Yes

Speaker Direction
Down Firing

WiSA Ready
Yes (Up to 2.1 Channel)

BROADCASTING

Analog TV Reception
Yes

Digital TV Reception
ATSC1.0 (Terrestrial), QAM (Cable)

CONNECTIVITY

Bluetooth Support
Yes (v 5.3)

HDMI Audio Return Channel
eARC (HDMI 3)

RF Input (Antenna/Cable)
1ea

SPDIF (Optical Digital Audio Out)
1ea

Wi-Fi
Yes (Wi-Fi 6E)

Ethernet Input
1ea

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

Simplink (HDMI CEC)
Yes

USB Input
2ea (v 2.0)

GAMING

Game Optimizer
Yes (Game Dashboard)

FreeSync Compatible (AMD)
Yes

VRR (Variable Refresh Rate)

ALLM (Auto Low Latency Mode)
Yes

HGIG Mode
Yes

Yes (Up to 144Hz)

PICTURE (DISPLAY)

Backlight Type
Edge

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

Display Type
4K QNED

Refresh Rate
120Hz Native (VRR 144Hz)

PICTURE (PROCESSING)

AI Upscaling
α8 AI Super Upscaling 4K

AI Brightness Control
Yes

AI Genre Selection
Yes (SDR/HDR)

AI Picture Pro
Yes

Auto Calibration
Yes

Dimming Technology
Local Dimming

Dynamic Tone Mapping
Yes (Dynamic Tone Mapping Pro)

FILMMAKER MODE™
Yes

HDR (High Dynamic Range)
HDR10 / HLG

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

Motion
Motion Pro

Picture Mode
10 modes

Picture Processor
α8 AI Processor 4K Gen2

QMS (Quick Media Switching)
Yes

POWER

Power Supply (Voltage, Hz)
AC 120V, 50/60Hz

Standby Power Consumption
Under 0.5W

SMART TV

AI Chatbot
Yes

Always Ready
Yes

Full Web Browser
Yes

Google Cast
Yes

Google Home / Hub

Yes

Intelligent Voice Recognition

Yes

Multi View

Yes

Smartphone Remote App

Yes (LG ThinQ)

Voice ID

Yes

Works with Apple Home

Yes

Home Hub

Yes

Magic Remote Control

Built-In

Operating System (OS)

webOS 25

USB Camera Compatible

Yes

Works with Apple Airplay

Yes

Close ^