

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	TV Dimensions without Stand (WxHxD) 1456 x 840 x 29.7
TV Weight without Stand 22.5	

All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand 22.9	Packaging Dimensions (WxHxD) 1660 x 970 x 172
Packaging Weight (Overseas) 29.8	TV Dimensions without Stand (WxHxD) 1456 x 840 x 29.7
TV Dimensions with Stand (WxHxD) 1456 x 904 x 295	TV Stand (WxD) 1167 x 295
TV Weight without Stand 22.5	VESA Mounting (WxH) 300 x 300

ACCESSIBILITY

Gray Scale Yes	High Contrast Yes
Invert Colors Yes	

ACCESSORIES INCLUDED

Power Cable Yes (Detachable)	Remote Magic Remote MR25
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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)	Clear Voice Pro Yes (Auto Volume Leveling)
LG Sound Sync Yes	Simultaneous Audio Output Yes
Sound Mode Share Yes	Speaker Direction Down Firing
Speaker System 2.0 channel	WiSA Ready Yes (Up to 2.1 Channel)
WOW Orchestra Yes	

BROADCASTING

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

Bluetooth Support Yes (v 5.3)	Ethernet Input 1ea
HDMI Audio Return Channel eARC (HDMI 3)	HDMI Input 4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
RF Input (Antenna/Cable) 1ea	Simplink (HDMI CEC) Yes

SPDIF (Optical Digital Audio Out)

1ea

Wi-Fi

Yes (Wi-Fi 6E)

USB Input

2ea (v 2.0)

GAMING

Game Optimizer

Yes (Game Dashboard)

FreeSync Compatible (AMD)

Yes

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

ALLM (Auto Low Latency Mode)

Yes

HGIG Mode

Yes

PICTURE (DISPLAY)

Backlight Type

Edge

Display Type

4K QNED

Display Resolution

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

Refresh Rate

120Hz Native (VRR 144Hz)

PICTURE (PROCESSING)

AI Upscaling

α8 AI Super Upscaling 4K

AI Genre Selection

Yes (SDR/HDR)

Auto Calibration

Yes

Dynamic Tone Mapping

Yes (Dynamic Tone Mapping Pro)

HDR (High Dynamic Range)

HDR10 / HLG

Motion

Motion Pro

Picture Processor

α8 AI Processor 4K Gen2

AI Brightness Control

Yes

AI Picture Pro

Yes

Dimming Technology

Local Dimming

FILMMAKER MODE™

Yes

HFR (High Frame Rate)

4K 120 fps (HDMI)

Picture Mode

10 modes

QMS (Quick Media Switching)

Yes

POWER

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

SMART TV

AI Chatbot	Always Ready
Yes	Yes
Full Web Browser	Google Cast
Yes	Yes
Google Home / Hub	Home Hub
Yes	Yes
Intelligent Voice Recognition	Magic Remote Control
Yes	Built-In
Multi View	Operating System (OS)
Yes	webOS 25
Smartphone Remote App	USB Camera Compatible
Yes (LG ThinQ)	Yes
Voice ID	Works with Apple Airplay
Yes	Yes
Works with Apple Home	
Yes	

Close ^