

^ PICTURE (PANEL)

Brightness Booster	100% Color Volume	100% Color Fidelity	Display Resolution
Brightness Booster	Yes	Yes	4K Ultra HD (3,840 x 2,160)
Display Type	Wide Color Gamut	Perfect Black	Screen Size
4K OLED	Yes	Yes	83"
Refresh Rate			
120Hz Native			

^ PICTURE (PROCESSING)

Dynamic Tone Mapping	Dolby Vision	Filmmaker Mode	Dimming Technology
Yes (OLED Dynamic Tone Mapping Pro)	Yes	Yes	Pixel Dimming
AI Picture	HDR (High Dynamic Range)	Motion	Picture Processor
Yes	Dolby Vision / HDR10 / HLG	OLED Motion	α9 AI Processor 4K Gen7
AI Upscaling			
α9 AI Super Upscaling 4K			

^ GAMING

VRR (Variable Refresh Rate)	ALLM (Auto Low Latency Mode)	FreeSync™	Game Optimizer
Yes (Up to 144Hz)	Yes	Yes	Yes
G-Sync Compatible (Nvidia)	HGIG Mode	Response Time	
Yes	Yes	Less than 0.1ms	

^ SMART TV

Multi View	Amazon Alexa (Built-in)	Room to Room Share	Always Ready
Yes	Yes (Built-in)	Yes (Sender/Receiver)	Yes
Matter	Works with Apple Airplay2	AI Concierge	USB Camera Compatible

Game Service	Family Settings	Music Service	Home Office
Yes	Yes	Yes	Yes
Chromecast built-in	Works with Amazon Alexa	Works with Apple Home	Content Partners
Yes	Yes	Yes	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV and more
Full Web Browser	Works with Hey Google	Hands-free Voice Control	Home Hub
Yes	Yes	Yes	Yes
Intelligent Voice Recognition	LG Channels	App Store	ThinQ® Smart Technology
Yes	Yes	Yes	Yes
Magic Remote Control	Operating System (OS)	Sports Alert	Who.Where.What?
Built-In	webOS 24	Yes	Yes

^ AUDIO

Clear Voice Pro	AI Sound	Audio Codec	Bluetooth Surround Ready
Yes (Auto Volume Leveling)	α9 AI Sound Pro (Virtual 9.1.2 Up-mix)	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)	Yes
Dolby Atmos	DTS:X (by-pass only)	LG Sound Sync	Speaker Direction
Yes	Yes	Yes	Down Firing (Front Firing when standing)
Audio Output	Speaker System	Sound Mode Share	WiSA Ready
40W	2.2 Channel	Yes	Yes

^ CONNECTIVITY

Bluetooth® Support	Ethernet Input	HDMI Audio Return Channel	HDMI Input
Yes (v 5.1)	1 ea	eARC (HDMI 2)	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))

Simplink (HDMI CEC)		IP Control	RF Input (Antenna/Cable)	RS-232C Input (Min Jack)
Yes		Yes	1ea	Yes
Smartphone Remote App		TV Tuner	USB Input	Wi-Fi® Standard
Yes		ATSC 1.0 (Terrestrial), OAM (Cable)	3ea (v 2.0)	Yes (Wi-Fi 5)
^ POWER				
Annual Power Consumption		Power Consumption	Power Supply (Voltage, Hz)	Standby Power Consumption
394kWh/y		214.6 W	AC 120V, 50/60Hz	Under 0.5W
^ DIMENSIONS/WEIGHTS				
TV Weight without Stand		Shipping (WxHxD)	Shipping Weight	Stand Width
71.2 lbs		80.7" x 47.6" x 11.2"	123.5 lbs	47.2"
TV Dimensions with Stand (WxHxD)		TV Dimensions without Stand (WxHxD)	TV Weight with Stand	VESA Mounting (WxH)
72.9" x 43" x 11"		72.9" x 41.8" x 2.2"	91.7 lbs	400 x 400
^ ACCESSORIES INCLUDED				
E-Manual		Power Cable	Quick Start Guide	Remote
Yes		Yes	Yes	Yes
Remote Control Battery		Stand	Wall Mount	
Yes		Yes	No	
^ GENERAL				
Country of origin		Diagonal	Diagonal Size	
Mexico		82.5"	83.5"	
^ WARRANTY				
Limited Warranty				
1 Year Parts & Labor				
^ CONNECTIVITY				

