

<p>^ PICTURE (PANEL)</p>			
100% Color Volume	100% Color Fidelity	Display Resolution	Display Type
Yes	Yes	4K Ultra HD (3,840 x 2,160)	4K OLED
Wide Color Gamut	Perfect Black	Screen Size	Refresh Rate
Yes	Yes	48"	120Hz Native
<p>^ PICTURE (PROCESSING)</p>			
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			
<p>^ GAMING</p>			
ALLM (Auto Low Latency Mode)	FreeSync™	Game Optimizer	G-Sync Compatible (Nvidia)
Yes	Yes	Yes	Yes
HGIG Mode	Response Time	VRR (Variable Refresh Rate)	
Yes	Less than 0.1ms	Yes	
<p>^ SMART TV</p>			
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
Yes	Yes	Yes	Yes
Game Service	Family Settings	Music Service	Home Office

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
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)	Headphone Output	IP Control	RF Input (Antenna/Cable)
Yes	1 ea	Yes	1 ea

RS-232C Input (Min Jack)	Smartphone Remote App	TV Tuner	USB Input
Yes	Yes	ATSC1.0 (Terrestrial), QAM (Cable)	3ea (v 2.0)
Wi-Fi® Standard			
^ POWER			
Annual Power Consumption	Power Consumption	Power Supply (Voltage, Hz)	Standby Power Consumption
176kWh/y	94.3 W	AC 120V, 50/60Hz	Under 0.5W
^ DIMENSIONS/WEIGHTS			
TV Weight without Stand	Shipping (WxHxD)	Shipping Weight	Stand Width
32.8 lbs	55.8" x 29.3" x 6.8"	46.3 lbs	18.5"
TV Dimensions with Stand (WxHxD)	TV Dimensions without Stand (WxHxD)	TV Weight with Stand	VESA Mounting (WxH)
42.2" x 26.6" x 9.1"	42.2" x 24.4" x 1.8"	37 lbs	300 x 200
^ ACCESSORIES INCLUDED			
E-Manual	Power Cable	Quick Start Guide	Remote
Yes	Yes	Yes	Yes
Remote Control Battery			
Yes			
^ GENERAL			
Country of origin	Diagonal	Diagonal Size	
Mexico	48.2"	48.2"	
^ WARRANTY			
Limited Warranty			
1 Year Parts & Labor			
^ CONNECTIVITY			

