

Picture (Panel)			
Backlight Type	Display Resolution	Display Type	Refresh Rate
Direct	4K Ultra HD (3,840 x 2,160)	4K UHD	120Hz Native
Picture (Processing)			
Dynamic Tone Mapping	Filmmaker Mode	AI Picture	HDR (High Dynamic Range)
Yes (Dynamic Tone Mapping Pro)	Yes	Yes	HDR10 / HLG
Picture Processor	AI Upscaling		
α8 AI Processor 4K	α8 AI Super Upscaling 4K		
Gaming			
VRR (Variable Refresh Rate)	ALLM (Auto Low Latency Mode)	Game Optimizer	HGIG Mode
Yes	Yes	Yes	Yes
Smart TV			
Multi View	Amazon Alexa (Built-in)	Room to Room Share	Always Ready
Yes	Yes (Built-in)	Yes (Receiver)	Yes
Matter	Works with Apple Airplay2	AI Concierge	USB Camera Compatible
Yes	Yes	Yes	Yes
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	Home Hub	Intelligent Voice Recognition
Yes	Yes	Yes	Yes
LG Channels	App Store	ThinQ® Smart Technology	Magic Remote Control
Yes	Yes	Yes	Included
Operating System (OS)	Sports Alert	Who.Where.What?	
webOS 24	Yes	Yes	
Smart Features			

^ Audio			
Clear Voice Pro	AI Sound	Audio Codec	Bluetooth Surround Ready
Yes (Auto Volume Leveling)	α8 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
LG Sound Sync	Speaker Direction	Speaker System	Sound Mode Share
Yes	Down Firing	2.2 Channel	Yes
WiSA Ready			
Yes			
^ Connectivity			
Bluetooth® Support	Ethernet Input	HDMI Audio Return Channel	HDMI Input
Yes (v 5.1)	1ea	eARC (HDMI 3)	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	ATSC1.0 (Terrestrial), QAM (Cable)	2ea (v 2.0)	Yes (Wi-Fi 5)
^ Power			
Annual Power Consumption	Power Consumption	Power Supply (Voltage, Hz)	Standby Power Consumption
809kWh/y	442 W	AC 120V, 50/60Hz	Under 0.5W
^ Dimensions/Weights			
TV Weight without Stand	Packaging Dimensions (WxHxD)	Packaging Weight	Stand Width
134.9 lbs	94.3" x 64.3" x 11.2"	227.1 lbs	71.9"
TV Dimensions with Stand (WxHxD)	TV Dimensions without Stand (WxHxD)	TV Weight with Stand (with Wall Mount)	VESA Mounting (WxH)
85.9" x 53.5" x 18.3"	85.9" x 49.5" x 4.3"	143.5 lbs	800 x 400
^ Accessories Included			
E-Manual	Power Cable	Quick Start Guide	Remote

Remote Control Battery			
Yes			
^ General			
Country of origin	Diagonal	Series	Size
China	98.2"	UT90	98"
^ Warranty			
Limited Warranty	UPC		
1 Year Parts & Labor	195174090930		
^ Connectivity			
SPDIF (Optical Digital Audio Out)			
1ea			