

Key Spec

Display Type 4K OLED	Refresh Rate 120Hz Native
Wide Color Gamut OLED Color	Picture Processor a9 Gen5 AI Processor 4K
HDR (High Dynamic Range) Dolby Vision IQ / HDR10 / HLG	G-Sync Compatible (Nvidia) Yes
FreeSync Compatible (AMD) Yes	Dolby Atmos Yes

All Spec

ACCESSIBILITY

Gray Scale Yes	High Contrast Yes	Invert Colors Yes
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AUDIO

AI Sound AI Sound Pro (Virtual 7.1.2 Up-mix)	Bluetooth Surround Ready Yes (2 Way Playback)	Clear Voice Pro Yes	Dolby Atmos Yes
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LG Sound Sync Yes	Simultaneous Audio Output Yes	Sound Mode Share Yes	WiSA Ready Yes (Up to 2.1 Channel)
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CONNECTIVITY

Bluetooth Support Yes (v 5.0)	Ethernet Input 1ea	HDMI Audio Return Channel eARC (HDMI 2)	Simplink (HDMI CEC) Yes
SPDIF (Optical Digital Audio Out) 1ea			

PICTURE (PROCESSING)

AI Upscaling AI 4K Upscaling	AI Brightness Control Yes	AI Genre Selection Yes (SDR/HDR/Dolby HDR)	AI Picture AI Picture Pro
Dimming Technology Pixel Dimming	Dynamic Tone Mapping Yes (Dynamic Tone Mapping Pro)	FILMMAKER MODE™ Yes	HDR (High Dynamic Range) Dolby Vision IQ / HDR10 / HLG
HFR (High Frame Rate) 4K 120 fps (HDMI, USB)	Motion OLED Motion	Picture Mode 9 modes (Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room))	Picture Processor α9 Gen5 AI Processor 4K

SMART TV

Home Dashboard Yes	Art Gallery Yes	Family Settings Yes	Operating System (OS) webOS 22
Sports Alert Yes	ThinQ Yes	USB Camera Compatible Yes	Works with Apple Airplay2 Yes
Works with Apple Homekit Yes			

GAMING

Game Optimizer Yes (Game Dashboard)	ALLM (Auto Low Latency Mode) Yes	FreeSync Compatible (AMD) Yes	G-Sync Compatible (Nvidia) Yes
HGIG Mode Yes	VRR (Variable Refresh Rate) Yes		

DIMENSIONS AND WEIGHTS

TV Weight with Stand 22.6	Packaging Dimensions (WxHxD) 1125 x 770 x 455	Packaging Weight (Overseas) 30.6	TV Dimensions with Stand (WxHxD) 937 x 614 x 297
TV Stand (WxD) 363 x 297			

TEST LOCAL NAME

Display Resolution 4K Ultra HD (3,840 x 2,160)	Display Type 4K OLED	Refresh Rate 120Hz Native	Wide Color Gamut OLED Color
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