

PICTURE(PANEL)

Display Type	Self-Lighting OLED Display
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Display Resolution	4K Ultra HD (3,840 x 2,160)
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Brightness Booster:	Brightness Booster Max
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Wide Viewing Angle	Yes
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Dimming Technology	Pixel Level Dimming
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Perfect Black	Yes
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Intense Color (Wide Color Gamut)	Yes
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Billion Rich Colors	Yes
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100% Color Accuracy	Yes
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PICTURE(PROCESSING)

Picture Processor	α9 Gen 5 AI Processor 4K
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AI Picture	AI Picture Pro
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Upscaling	AI 4K Upscaling
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Refresh Rate	120Hz Native
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SOUND(PROCESSING)

AI Sound	AI Sound Pro
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TV Sound Mode Share	Yes
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Bluetooth Surround Ready	Yes
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HOME CINEMA

HDR (High Dynamic Range)	Cinema HDR (Dolby Vision, HDR10, HLG) Dynamic Tone Mapping Pro
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Dolby Vision IQ	Yes (Precision Detail)
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Filmmaker Mode	Yes
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Magic Explorer	Yes
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Next Picks	Yes
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GAMING

Game Optimizer	Yes
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G-SYNC Compatible	Yes
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FreeSync Premium™	Yes
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VRR (Variable Refresh Rate)	Yes
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ALLM (Auto Low Latency Mode)	Yes
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Response Time	< 1 ms
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HGiG	Yes
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Cloud Gaming	NVIDIA GEFORCE NOW
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AI TV(ARTIFICIAL INTELLIGENCE)

Operating System	webOS
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Content Partners	Netflix, Prime Video, Disney+, Apple TV, Hulu, CBS All Access, Peacock, Youtube TV, Spotify, iHeartRadio and more
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LG Content Store (App Store)	Yes
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Full Web Browser	Yes
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LG Channels	Yes
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Sports Alert	Yes
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Who.Where.What?	Yes
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Home Dashboard	Yes
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LG ThinQ® AI	Yes
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Hands-free Voice Control	Yes
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Magic Remote Control	Yes (Point, Click, Scroll, Voice)
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Universal Remote Control	Yes (Auto Device Detection)
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Voice Assistants	Google and Alexa Built-in (No separate device purchase necessary)
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Intelligent Voice Recognition	Yes
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AUDIO

Speaker System	4.2 Channel
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Output Power	60W
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Speaker Direction	Down Firing
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Dolby Atmos:	Yes
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WiSA Ready	Yes (Separate Dongle Purchase Required) *Up to 2.1 Channel
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Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)
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LG Sound Sync	Yes
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CONNECTIVITY

NEXTGEN TV (ATSC 3.0)	Yes
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Wi-Fi® Standard	Wi-Fi Certified 802.11ax (Wifi 6)
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Bluetooth® Support	Version 5.0
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IP Control	Yes
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HDMI-CEC (Simplink)	Yes
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TV Tuner	ATSC 3.0, Clear QAM
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Smart Phone Connectivity	Yes
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HDMI Input (HDCP 2.2)	4 (side)
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HDMI 2.1 (4K @ 120Hz):	HDMI ports 1,2,3,4
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HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
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USB Ports (v 2.0)	3 (Side)
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RF Connection Input (Antenna/Cable)	1 (Bottom)
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Ethernet Input	1 (Side)
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RS-232C Input (Mini Jack)	1 (Bottom)
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Digital Audio Output (Optical)	1 (Side)
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POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
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Standby Power Consumption	Under 0.5W
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Typical Power Consumption	230 W
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Annual Power Consumption	423 kWh/y
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DIMENSIONS/WEIGHTS

TV Dimensions with Stand (WxHxD) (Optional stand, sold separately):	84.8" x 64.1" x 22.9"
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TV Dimensions without Stand (WxHxD)	84.8" x 48.2" x 1.11"
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Packaging Dimensions (WxHxD)	92.7" x 55.5" x 12.8"
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Stand Width (Optional stand, sold separately):	65.3"
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TV Weight with Stand (Optional stand, sold separately):	138.9 lbs
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TV Weight without Stand	123.5 lbs
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Packaging Weight	209.4 lbs
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VESA Mounting (W x H)	600 x 400
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ACCESSORIES INCLUDED

Wall Mount	Flush Mount Included (Stand sold separately)
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Remote	Magic Remote w/ Magic Tap (NFC)
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Remote Control Battery	Yes (AA)
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Power Cable	Yes
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Quick Start GuideYes

StandSQ-G2DT97 (sold separately)

E-ManualYes

WARRANTY

Limited Warranty1 Year Parts & Labor & *5 Year Panel

UPC195174039694

DISCLAIMER

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*In the 1st year of the limited warranty, panel, parts and labor costs are covered. In the 2nd year of the limited warranty, only panel is covered; labor will be charged. The 5-year limited panel warranty is available for the 88Z2, 77Z2, 97G2, 83G2, 77G2, 65G2, and 55G2 TVs.
