

Specifications

	Product Type	Refresh Rate	Resolution
	QLED	120 Hz	4K (3,840 x 2,160)
	Display		
	55"		
Product Type	QLED		
Display	Screen Size	Refresh Rate	
	55"	120 Hz	
	Diagonal Screen Size	Resolution	
	54.6"	4K (3,840 x 2,160)	
Video	Picture Engine	HDR (High Dynamic Range)	
	NQ4 AI Gen2 Processor	Quantum HDR +	
	HDR 10+	AI Upscale	
	Yes (ADAPTIVE/ GAMING)	4K AI Upscaling	
	Contrast	Viewing Angle	
	Direct Full Array	Wide Viewing Angle	
	Micro Dimming	Contrast Enhancer	
	Ultimate UHD Dimming	Real Depth Enhancer	
	Motion Technology	Smart Calibration	
	Motion Xcelerator 120Hz	Basic	
	Filmmaker Mode (FMM)	HDR Brightness Optimizer	
	Yes	Yes	

Audio	Dolby Atmos Yes	Adaptive Sound Adaptive Sound Pro
	Object Tracking Sound OTS Lite	Q-Symphony Yes
	Sound Output (RMS) 60 W	Speaker Type 4.2 CH
	Multiroom Link No	Active Voice Amplifier Pro Yes
	360 Audio Yes	

Smart Service	Operating System Tizen™ Smart TV	Bixby Yes
	Far-Field Voice Interaction Yes	Built-in Voice Assistant Alexa
	Samsung TV Plus Yes	Web Browser Yes
	Works with AI Speaker Alexa, Google Assistant	SmartThings Hub / Matter Hub / IoT-Sensor Funtionality Yes
	Samsung Health Yes	Universal Guide Yes

Smart Feature	Multi Device Experience TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View	Multi-View upto 2 videos
	Ambient Mode Ambient Mode+	Apple AirPlay Yes
	Daily+ Yes	

Game Feature	Auto Game Mode (ALLM) Yes	Game Motion Plus Yes
	Dynamic Black EQ Yes	VRR Yes

Surround Sound
Yes

Super Ultra Wide Game View
Yes

Mini Map Zoom
Yes

FreeSync
FreeSync Premium Pro

Light-sync
Yes (US Only)

HGiG
Yes

Gaming Hub
Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

Tuner/Broadcasting

Digital Broadcasting
ATSC / ClearQAM

Analog Tuner
Yes

Connectivity

HDMI
4

USB
2 x USB-A

HDMI (High Frame Rate)
4K 120 Hz (for HDMI 1/2/3/4)

Ethernet (LAN)
1

Digital Audio Out (Optical)
1

RF In (Terrestrial / Cable input / Satellite input)
1/1 (Common Use for Terrestrial) / 0

Ex-Link (RS-232C)
1

Wi-Fi
Yes (Wi-Fi 5)

Bluetooth
Yes (BT5.2)

Anynet+ (HDMI-CEC)
Yes

HDMI Audio Return Channel
eARC

Design

Design
Simple Chamfer

Bezel Type
3 Bezel-less

Slim Type
Slim look

Front Colour
TITAN BLACK

Stand
NEW HEXAGON PLATE

Stand Colour
TITAN BLACK

Additional Feature	Embedded POP Yes	EPG Yes
	IP Control Yes	OSD Language English, Spanish, French
	V-Chip Yes	

Accessibility	Accessibility - Voice Guide US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean	Low Vision Support Audio Subtitles (AU,KR,UK,US Only), Relumino, Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off
	Hearing Impaired Support Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide, Auto Caption Position	Motor Impaired Support Slow Button Repeat, Remote Control App. for All

Power & Eco Solution	Eco Sensor Yes	Power Supply AC 110-120 V~ 50/60 Hz
	Power Consumption (Max) 230 W	Power Consumption (Stand-by) 0.5 W
	Power Consumption (Typical) 86 W	Auto Power Off Yes
	Auto Power Saving Yes	

Dimension	Package Size (WxHxD) 1445 x 827 x 168 mm	Set Size with Stand (WxHxD) 1227.6 x 768.0 x 253.0 mm
	Set Size without Stand (WxHxD) 1227.6 x 706.2 x 47.2 mm	Stand (Basic) (WxD) 368.0 x 253.0 mm
	VESA Spec 200 x 200 mm	

Weight	Package Weight 24.4 kg	Set Weight with Stand 19.8 kg
	Set Weight without Stand 17.1 kg	

Accessory	Remote Controller Model TM2360E	Optional Stand Compatible (Studio) Yes
	Mini Wall Mount Compatible Yes	User Manual Yes
	Full Motion Slim Wall Mount Compatible (Y22) Yes	SlimFit Cam Compatible Yes
	Zigbee / Thread Module Built-In	Power Cable Yes
