

Specifications

Product Type	Product Type	Refresh Rate	Resolution
	QLED	60 Hz	4K (3,840 x 2,160)
Display	Display		
	50"		
Product Type	QLED		
Display	Screen Size	Refresh Rate	
	50"	60 Hz	
	Diagonal Screen Size	Resolution	
	49.5"	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)	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	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) 40 W	Speaker Type 2.2 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 60 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)
205 W

Power Consumption (Stand-by)
0.5 W

Power Consumption (Typical)
81 W

Auto Power Off
Yes

Auto Power Saving
Yes

Dimension

Package Size (WxHxD)
1296 x 761 x 164 mm

Set Size with Stand (WxHxD)
1114.2 x 705.9 x 237.0 mm

Set Size without Stand (WxHxD)
1114.2 x 643.6 x 47.8 mm

Stand (Basic) (WxD)
508.9 x 237.0 mm

VESA Spec
200 x 200 mm

Weight	Package Weight 22.1 kg	Set Weight with Stand 18.2 kg
	Set Weight without Stand 13.6 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
