

Specifications

	Diagonal Screen Size	Video	Refresh Rate
	84.5"	NQ4 AI Gen2 Processor	120 Hz
	Display		
	85"		
Product Type	QLED		
Display	Screen Size	Refresh Rate	
	85"	120 Hz	
	Diagonal Screen Size	Resolution	
	84.5"	4 K (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)	4 K AI Upscaling	
	Contrast	Viewing Angle	
	Direct Full Array	Wide Viewing Angle	
	Micro Dimming	Contrast Enhancer	
	Supreme UHD Dimming	Real Depth Enhancer	
	Motion Technology	Smart Calibration	
	Motion Xcelerator 120 Hz	Basic	
	Filmmaker Mode (FMM)	Supersize Picture Enhancer	
	Yes	Yes	
	HDR Brightness Optimizer		
	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 up to 2 videos
	Ambient Mode Ambient Mode+	Apple AirPlay Yes
	Daily+ Yes	
Differentiation	Tune Station N/A	

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

HGiG
Yes

Gaming Hub
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC / ClearQAM

Analog Tuner
Yes

Connectivity

HDMI
4

USB
2 x USB-A

HDMI (High Frame Rate)
4 K 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 AC110 - 120V~ 50 / 60 Hz
	Power Consumption (Max) 415 W	Power Consumption (Stand-by) 0.5 W
	Power Consumption (Typical) 141 W	Auto Power Off Yes
	Auto Power Saving Yes	

Dimension	Package Size (WxHxD) 2132 x 1235 x 209 mm	Set Size with Stand (WxHxD) 1892.8 x 1143.8 x 326.6 mm
	Set Size without Stand (WxHxD) 1892.8 x 1082.8 x 48.2 mm	Stand (Basic) (WxD) 420.0 x 326.6 mm
	VESA Spec 600 x 400 mm	

Weight	Package Weight	Set Weight with Stand
	59.2 kg	47.2 kg
	Set Weight without Stand	
	41.3 kg	

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