

Specifications

	Series	Resolution	Connectivity
	9	4K (3,840 x 2,160)	4
	AI Upscale		
	4K AI Upscaling		
Product Type	Neo QLED		
Series	9		
Display	Screen Size	Refresh Rate	
	55"	120Hz (Up to 144Hz)	
	Diagonal Screen Size	Resolution	
	54.6"	4K (3,840 x 2,160)	
	Anti Reflection		
	Yes		
Video	Picture Engine	HDR (High Dynamic Range)	
	NQ4 AI Gen2 Processor	Neo Quantum HDR+	
	AI Upscale	Compatible with HDR 10+	
	4K AI Upscaling	Yes (ADAPTIVE/ GAMING)	
	Contrast	Colour	
	Quantum MatrixTechnology	100% Color Volume	
	Viewing Angle	Micro Dimming	
	Ultra Viewing Angle	Ultimate UHD Dimming	
	Film Mode	Motion Technology	
	Yes	Motion Xcelerator 144Hz	

Expert Calibration
Yes

Smart Calibration
Basic/Professional

Filmmaker Mode (FMM)
Yes

AI HDR Remastering
Auto HDR Remastering

Audio

Dolby Atmos
Yes

Active Voice Amplifier
Yes

Object Tracking Sound
OTS+

Q-Symphony
Yes

Sound Output (RMS)
60W

Speaker Type
4.2.2CH

Bluetooth Audio
Yes

Buds Auto Switch
Yes

Smart Service

Operating System
Tizen™ Smart TV

Bixby
Yes

Far-Field Voice Interaction
Yes

Built-in Voice Assistant
Alexa

Samsung TV Plus
Yes

Works with AI Speaker
Alexa, Google Assistant

**SmartThings Hub / Matter Hub / IoT-Sensor
Funtionality**
Yes

Samsung Health
Yes

Universal Guide
Yes

Media Home
Yes

Smart Feature

Multi Device Experience
TV to Mobile, Mobile to TV, TV initiate mirroring, Sound
Mirroring, Tap View, Wireless TV On

Multi-View
upto 2 videos

Ambient Mode
Ambient Mode+

Game Feature

Auto Game Mode (ALLM)

Yes

Game Motion Plus

Yes

Dynamic Black EQ

Yes

Surround Sound

Yes

Super Ultra Wide Game View

Yes

Mini Map Zoom

Yes

FreeSync

FreeSync Premium Pro

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 144Hz (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 (WiFi5)

Bluetooth

Yes (BT5.2)

HDMI Audio Return Channel

eARC

Design

Design

Neo Slim

Bezel Type

4 Bezel-less

Front Colour

GRAPHITE BLACK

Stand

SHARP NECK HEXAGON

Stand Colour

TITAN BLACK

Additional Feature	9:16 Screen Support Yes (Need Auto Rotating Accessory, Compatible Model Only)	ConnectShare™ 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~ 50/60Hz
	Power Consumption (Max) 230 W	Power Consumption (Stand-by) 0.5 W
	Power Consumption (Typical) 71 W	Auto Power Off Yes
	Auto Power Saving Yes	
Dimension	Package Size (WxHxD) 1448 x 826 x 170 mm	Set Size with Stand (WxHxD) 1227.4 x 768.2 x 237.0 mm
	Set Size without Stand (WxHxD) 1227.4 x 705.6 x 26.9 mm	Stand (Basic) (WxD) 388.3 x 237.0 mm
	VESA Spec 200 x 200 mm	
Weight	Package Weight 26.2 kg	Set Weight with Stand 20.6 kg
	Set Weight without Stand 17.7 kg	

Accessory

Remote Controller Model TM2360E	Slim Wall Mount Compatible Yes
Optional Stand Compatible (Studio) Yes	Mini Wall Mount Compatible Yes
Auto-Rotation Accessory 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
