

Specifications

Series	Resolution	Connectivity
9	4 K (3,840 x 2,160)	4

AI Upscale

4 K AI Upscaling

Product Type	Neo QLED
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Series 9

Display	Screen Size	98"	Refresh Rate	120 Hz (Up to 144 Hz)
	Diagonal Screen Size	97.5"	Resolution	4 K (3,840 x 2,160)
	Anti Reflection	Yes		

Video	Picture Engine NQ4 AI Gen2 Processor	HDR (High Dynamic Range) Neo Quantum HDR+
	HDR 10+ Yes (ADAPTIVE/ GAMING)	AI Upscale 4 K AI Upscaling
	Contrast Quantum Matrix Technology	Viewing Angle Wide Viewing Angle
	Micro Dimming Ultimate UHD Dimming	Contrast Enhancer Real Depth Enhancer Pro
	Motion Technology Motion Xcelerator 120Hz	Expert Calibration Yes

Smart Calibration
Basic / Professional

Filmmaker Mode (FMM)
Yes

Supersize Picture Enhancer
Yes

HDR Brightness Optimizer
Yes

AI HDR Remastering
Auto HDR Remastering

Audio

Dolby Atmos
Yes

Adaptive Sound
Adaptive Sound Pro

Object Tracking Sound
OTS+

Q-Symphony
Yes

Sound Output (RMS)
60 W

Speaker Type
4.2.2CH

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, Tap View, Wireless TV On

Multi-View
up to 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

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 144 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 Neo Slim	Bezel Type 3 Bezel-less
	Slim Type Flat look	Front Colour Graphite black
	Stand Sharp neck hexagon	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) 420 W	Power Consumption (Stand-by) 0.5 W
	Power Consumption (Typical) 136 W	Auto Power Off Yes
	Auto Power Saving Yes	

Dimension

Package Size (WxHxD) 2370 x 1420 x 275 mm	Set Size with Stand (WxHxD) 2185.1 x 1305.9 x 364.9 mm
Set Size without Stand (WxHxD) 2185.1 x 1249.3 x 31.1 mm	Stand (Basic) (WxD) 478.9 x 364.9 mm
VESA Spec 600 x 400 mm	

Weight

Package Weight 92.7 kg	Set Weight with Stand 70.6 kg
Set Weight without Stand 61.4 kg	

Accessory

Remote Controller Model TM2360E	User Manual Yes
SlimFit Cam Compatible Yes	Zigbee / Thread Module Built-In
Power Cable Yes	