

# Specifications

Series

9

Resolution

4 K (3,840 x 2,160)

Connectivity

4

AI Upscale

4 K AI Upscaling

## Product Type

Neo QLED

## Series

9

## Display

Screen Size

85"

Refresh Rate

120 Hz (Up to 144 Hz)

Diagonal Screen Size

84.5"

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+

AI Upscale

4 K AI Upscaling

Compatible with HDR 10+

Yes (ADAPTIVE/ GAMING)

Contrast

Quantum MatrixTechnology

Colour

100% Colour Volume

Viewing Angle

Ultra Viewing Angle

Micro Dimming

Ultimate UHD Dimming

Film Mode

Yes

Motion Technology

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)**

60 W

**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**

up to 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

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## Tuner/Broadcasting

### Digital Broadcasting

ATSC/ClearQAM

### Analog Tuner

Yes

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## 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 (WiFi5)

### Bluetooth

Yes (BT5.2)

### HDMI Audio Return Channel

eARC

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## Design

### Design

Neo Slim

### Bezel Type

4 Bezel-less

### Front Colour

Graphite black

### Stand

Sharp neck hexagon

### Stand Colour

Titan black

## Additional Feature

ConnectShare™  
Yes

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## 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

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## Power & Eco Solution

### Eco Sensor

Yes

### Power Supply

AC110-120V~ 50/60 Hz

### Power Consumption (Max)

360 W

### Power Consumption (Stand-by)

0.5 W

### Power Consumption (Typical)

117 W

### Auto Power Off

Yes

### Auto Power Saving

Yes

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## Dimension

### Package Size (WxHxD)

2141 x 1245 x 230 mm

### Set Size with Stand (WxHxD)

1892.2 x 1143.0 x 321.3 mm

### Set Size without Stand (WxHxD)

1892.2 x 1081.9 x 27.9 mm

### Stand (Basic) (WxD)

417.6 x 321.3 mm

### VESA Spec

600 x 400 mm

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## Weight

### Package Weight

63.3 kg

### Set Weight with Stand

49.9 kg

### Set Weight without Stand

43.5 kg

## Accessory

### Remote Controller Model

TM2360E

### Slim 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

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