

Specifications

Product Type

NeoQLED

Display

Screen Size	Refresh Rate	Diagonal Screen Size	Resolution
85"	120Hz (Up to 144Hz)	84.5"	4K (3,840 x 2,160)

Video

Picture Engine NQ4 AI Gen2 Processor	HDR (High Dynamic Range) Neo Quantum HDR	HDR 10+ Yes (ADAPTIVE/ GAMING)	AI Upscale 4K AI Upscaling
Contrast Quantum Matrix Technology Core	Viewing Angle Wide Viewing Angle	Micro Dimming Ultimate UHD Dimming	Contrast Enhancer Real Depth Enhancer
Motion Technology Motion Xcelerator 144Hz	Smart Calibration Basic	Filmmaker Mode (FMM) Yes	Supersize Picture Enh Yes
HDR Brightness Optimizer Yes	AI HDR Remastering Auto HDR Remastering		

Audio

Dolby Atmos Yes	Object Tracking Sound OTS Lite	Q-Symphony Yes	Sound Output (RMS) 40W
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Speaker Type

4CH

Adaptive Sound

Yes (Adaptive Sound Pro)

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 IoT-Sensor Functional Remote

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

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

Hue Sync

Yes

HGiG

Yes

Gaming Hub

Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

Tuner/Broadcasting

Digital Broadcasting

ATSC/Clear QAM

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 (Wi-Fi 5)

Bluetooth

Yes(5.3)

Anynet+ (HDMI-CEC)

Yes

HDMI Audio Return Channel

eARC

Design

Design

Simple Chamfer

Bezel Type

3 Bezel-less

Front Colour

TITAN BLACK

Stand

AERO CENTER

Stand Colour

BLACK

Additional Feature

Embedded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, Frenc

V-Chip

Yes

Accessibility

Accessibility - Voice Guide

Czech (Czech Republic),Danish (Denmark),Dutch (Netherlands),English (US),Finnish (Finland),French (Canada),German (Germany),Greek (Greece),Hungarian (Hungary),Italian (Italy),Korean (Korea),Norwegian (Norway),Polish (Poland),Portuguese (Portugal),Romanian (Romania),Slovak (Slovakia),Spanish (Mexico),Swedish (Sweden)

Low Vision Support

Audio Subtitles, Relumino, Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Auto Picture Off

Hearing Impaired Support

Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide

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)

390 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension

Package Size (WxHxD)

2056 x 1200 x 178 mm

Set Size with Stand (WxHxD)

1892.8 x 1137.7 x 366.5 mm

Set Size without Stand (WxHxD)

1892.8 x 1082.8 x 48.2 mm

Stand (Basic) (WxD)

375.4 x 366.5 mm

VESA Spec

600 x 400 mm

Weight

Package Weight	Set Weight with Stand	Set Weight without Stand	
54.1 kg	42.2 kg	40.6 kg	

Accessory

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