

Specifications

Overview

Series	Resolution	Connectivity	Ambient Mode
	4K (3,840 x 2,160)	3	Ambient Mode+

Product Type

NeoQLED

Series

Display

Screen Size	Refresh Rate	Diagonal Screen Size	Resolution
55"	120 Hz	54.6"	4K (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

4K AI Upscaling

Contrast

Quantum Matrix Technology

Micro Dimming

Ultimate UHD Dimming

Contrast Enhancer

Real Depth Enhancer

Motion Technology

Motion Xcelerator

HDR Brightness Optimizer

Yes

Filmmaker Mode (FMM)

Yes

AI HDR Remastering

Auto HDR Remastering

Audio

Adaptive Sound

Adaptive Sound

Sound Output (RMS)

40 W

Speaker Type

4 CH

Multiroom Link

No

360 Audio

Yes

Smart Service

Operating System

Tizen™ Smart TV

Bixby

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 Functionality / Quick 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

Up to 2 videos

Ambient Mode

Ambient Mode+

Virtual Communication

Yes

NFT

Nifty Gateway

Apple AirPlay

Yes

Daily+

Yes

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

HGiG

Yes

Hue Sync

Yes

Gaming Hub

Yes

Tuner/Broadcasting

Digital Broadcasting

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity

HDMI

3

USB

1 x USB-A

HDMI (High Frame Rate)

4K 120 Hz (for HDMI 1/2/3)

Ethernet (LAN)

1

Audio Out (Mini Jack)

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**

Solid Metal Design

Bezel Type

SNB

Slim Type

Normal

Front Colour

Titan Black (Hairline)

Stand

None

Additional Feature**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, Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColours, Colour 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, Auto Caption Position

Motor Impaired Support

Slow Button Repeat, Remote Control App. for All

Power & Eco Solution

Eco Sensor	Power Supply	Power Consumption (Max)	Power Consumption (S
Yes	AC110-120 V~50/60 Hz	290 W	0.5 W
Power Consumption (Typical)	Auto Power Off	Auto Power Saving	
167 W	Yes	Yes	

Dimension

Package Size (WxHxD)	Set Size without Stand (WxHxD)	VESA Spec
1404 x 846 x 208 mm	1247.4 x 720.9 x 69.8 mm	200 x 200 mm

Weight

Package Weight	Set Weight without Stand
34.2 kg	27.9 kg

Accessory

Remote Controller Model	User Manual	Power Cable
TM2365E	Yes	Yes