

Specifications

	Product	Series	Refresh Rate
	QLED	LS	120Hz
	Resolution		
	3,840 x 2,160		
Product	QLED		
Series	LS		
Display	Screen Size 85"	Refresh Rate 120Hz	
	Diagonal Screen Size 84.5"	Resolution 3,840 x 2,160	
	Anti Reflection Yes		
Video	Picture Engine Neural Quantum Processor 4K	One Billion Colour Yes	
	HDR (High Dynamic Range) Yes	AI Upscale Yes	
	Compatible with HDR 10+ Yes (ADAPTIVE/ GAMING)	HLG (Hybrid Log Gamma) Yes	
	Contrast Quantum Matrix Technology	Colour 100% Colour Volume with Quantum Dot	
	Micro Dimming Ultimate UHD Dimming	Brigtness/ Colour Detection Brightness/Color Detection	

Contrast Enhancer
Real Depth Enhancer

Film Mode
Yes

Picture Clarity
Yes

Filmmaker Mode (FMM)
Yes

AI HDR Remastering
Auto HDR Remastering

Audio

Adaptive Sound
Yes Adaptive Sound

Sound Output (RMS)
40W

Speaker Type
4CH

Multiroom Link
Yes

Bluetooth Audio
Yes

Dual Audio Support (Bluetooth)
Yes

Buds Auto Switch
Yes

Smart Service

Operating System
Tizen™ Smart TV

Bixby
US English, UK English, India English, Korean, French, German, Italian, Spanish, BR Portuguese (features vary by language)

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

Media Home
Yes

Smart Feature

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

Tap View
Yes

Video Communication
Google Meet

Multi-View
upto 2 videos

Music Wall
Yes

Ambient Mode
Ambient Mode+

Wireless Dex
Yes

Cloud Service
Microsoft 365

NFT
Nifty Gateway

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

Gaming Hub
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC / ClearQAM

Analog Tuner
Yes

Connectivity

HDMI
3

USB
1

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

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)

Anynet+ (HDMI-CEC)
Yes

HDMI Audio Return Channel
eARC

Design

Design
Solid Metal Design

Bezel Type
SNB

Slim Type
Normal

Front Colour
Titan Black

Stand
NONE

Additional Feature

Caption (Subtitle)
Yes

EPG
Yes

ConnectShare™
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

Accessibility - Learn TV Remote / Learn Menu Screen
US English, Mexico Spanish, Canada French

Low Vision Support
Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off

Hearing Impaired Support
Closed Caption, Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide, Auto Caption Position

Motor Impaired Support
Slow Button Repeat

Power & Eco Solution

Eco Sensor
Yes

Power Supply
AC110-120V~ 50/60Hz

Power Consumption (Max)
660 W

Power Consumption (Stand-by)
0.5 W

Power Consumption (Typical)
196 W

Auto Power Off
Yes

Auto Power Saving
Yes

Dimension

Package Size (WxHxD)
2087 x 1256 x 265 mm

Set Size without Stand (WxHxD)
1913.8 x 1106.3 x 69.8 mm

VESA Spec
600 x 400 mm

Weight	Package Weight	Set Weight without Stand
	73.9 kg	58.5 kg

Accessory	Remote Controller Model	Vesa Wall Mount Compatible
	TM2365E	Yes
	User Manual	E-Manual
	Yes	Yes
	Power Cable	
	Yes	
