

Specifications

Product	Screen Size	Resolution
QLED	85"	3,840 x 2,160

Anti Reflection

Matte Display

Product QLED

Series LS

Display	Screen Size 85"	Diagonal Screen Size 84.5"
	Refresh Rate 120 Hz	Resolution 3,840 x 2,160
	Anti Reflection Matte Display	

Video

Product

Quantum Processor 4K

One Billion Color

Yes

HDR (High Dynamic Range)

Quantum HDR

AI Upscale

Yes

Compatible with HDR 10+

Certified(HDR10+ Adaptive & HDR10+ GAMING)

Contrast

Dual LED

Colour

100% Colour Volume with Quantum Dot

Viewing Angle

Wide Viewing Angle

Micro Dimming

Supreme UHD Dimming

Film Mode

Yes

Motion Technology

Motion Xcelerator Turbo+

Clear Motion

LED Clear Motion

Noise Reduction

Yes

Smart Calibration

Basic

Filmmaker Mode (FMM)

Yes

Audio

Dolby Decoder

MS12 5.1ch

Dolby Atmos

Yes

Active Voice Amplifier

Yes

Object Tracking Sound

OTS

Q-Symphony

Yes

Sound Output (RMS)

40 W

Speaker Type

2.0.2 CH

Multiroom Link

Yes

Bluetooth Audio

Yes

Dual Audio Support (Bluetooth)

Yes

Smart Service**Samsung SMART TV**

Smart

Operating System

Tizen™

Bixby

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

Multi Voice Assistant

Yes

Google Assistant Built-in

Yes

Works with Google Assistant

Yes

Works With Alexa

Yes

TV Plus

Yes

SmartThings

Yes

Samsung Health

Yes

Media Home

Yes

Smart Feature**TV to Mobile - Mirroring**

Yes

TV Initiate Mirroring

Yes

Tap View

Yes

Video Communication

Google Duo

Multi-View
upto 2 videos

Ambient Mode
Ambient Mode+

Wireless Dex
Yes

Cloud Service
Microsoft 365

Game Feature

Auto Game Mode (ALLM)
Yes

Game Motion Plus
Yes

Dynamic Black EQ
Yes

Surround Sound
Yes

Super Ultra Wide Game View
Yes

Freesync
FreeSync Premium Pro

Mini Map Zoom
Yes

HGiG
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC/ClearQAM

Analog Tuner
Yes

Connectivity

HDMI
4

HDMI (High Frame Rate)
4K 120Hz (for HDMI 4)

USB
2

USB-C (Camera Only)
1

Ethernet (LAN)
Yes

Digital Audio Out (Optical)
1

	RF In (Terrestrial / Cable input / Satellite input) 1/1(Common Use for Terrestrial)/0	Ex-Link (RS-232C) 1
	HDMI A / Return Ch. Support Yes	eARC Yes (HDMI 3)
	HDMI Quick Switch Yes	Wireless LAN Built-in Yes (WiFi5)
	Bluetooth Yes (BT5.2)	
Design	Design Brand new frame	Bezel Type VNB
	Front Colour BLACK	Stand Type SIMPLE
	Stand Colour BLACK	
Additional Feature	IPv6 Support Yes	
Accessibility	Accessibillity - 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

Accessibility - Others

Enlarge / High Contrast / Multi-output Audio / SeeColors / Color Inversion / Grayscale / Caption Position / Sign Language Zoom / Slow Button Repeat / Separate Closed Caption / Graphic Zoom / Picture Off

Sign Language Guide

Yes

Auto Caption Position

Yes

Power & Eco Solution**Eco Sensor**

Yes

Power Supply

AC 110-120 V 50/60Hz

Power Consumption (Max)

290 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

121 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension**Package Size (WxHxD)**

2087 x 1249 x 235 mm

Set Size with Stand (WxHxD)

1904.3 x 1122.4 x 347.9 mm

Set Size without Stand (WxHxD)

1904.3 x 1085.3 x 26.9 mm

Stand (Basic) (WxD)

1420.4 x 347.9 mm

Stand (Minimum) (WxD)

1120.4 x 347.9 mm

VESA Spec

600 x 400 mm

Weight

Package Weight

64.1 kg

Set Weight with Stand

45.4 kg

Set Weight without Stand

44.5 kg

Accessory**Remote Controller Model**

TM2281E

Samsung Smart Control

Yes

Slim Fit Wall-mount support

Yes

**15m/10m One Invisible
Connection Support**

Yes

Vesa Wall Mount Support

Yes

Customizable Bezel Support

Yes

Full Motion Slim Wall Mount (Y22)

Yes

User Manual

Yes

Webcam Support

Yes

E-Manual

Yes

Power CableYes
