

Specifications

Product	Series	Screen Size
QLED	The Serif	55"

Diagonal Screen Size

54.6"

Product QLED

Series The Serif

Display

Screen Size 55"	Refresh Rate 120 Hz
Diagonal Screen Size 54.6"	Resolution 3,840 x 2,160
Anti Reflection Matte Display	

Video

Picture Engine

Quantum Processor 4K

One Billion Colour

Yes

HDR (High Dynamic Range)

Quantum HDR

AI Upscale

Yes

Compatible with HDR 10+

Certified (HDR10+ Adaptive & HDR10+ GAMING)

HLG (Hybrid Log Gamma)

Yes

Contrast

Mega Contrast

Colour

100 % Colour Volume with Quantum Dot

Viewing Angle

Wide Viewing Angle

Micro Dimming

Supreme UHD Dimming

Brightness/ Colour Detection

Brightness Detection

Contrast Enhancer

Real Depth Enhancer

Auto Motion Plus

Yes

Film Mode

Yes

Clear Motion

LED Clear Motion

Noise Reduction

Yes

Smart Calibration

Basic

Filmmaker Mode (FMM)

Yes

Audio

Dolby Decoder

MS12 2 ch

Active Voice Amplifier

Yes

Adaptive Sound

Adaptive Sound+

Object Tracking Sound

OTS Lite

Sound Output (RMS)

40 W

Speaker Type

4 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)

Alexa Built-in

Yes

Google Assistant Built-in

Yes

Works with Google Assistant

Yes

Works With Alexa

Yes

TV Plus

Yes

Web Browser

Yes

SmartThings App Support

Yes

SmartThings

Yes

Samsung Health

Yes

Media Home

Yes

Smart Feature**TV to Mobile - Mirroring**

Yes

Mobile to TV - Mirroring, DLNA

Yes

NFC on TV

Yes (Sound Mirroring)

TV Initiate Mirroring

Yes

Tap View

Yes

Video Communication

Google Duo

Multi-View

upto 2 videos

Sound Wall

Yes

360 Video Player

Yes

Bluetooth Low Energy

Yes

WiFi Direct

Yes

TV Sound to Mobile

Yes

Sound Mirroring

Yes

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

Mini Map Zoom

Yes

Freesync

FreeSync Premium Pro

HGiG

Yes

Tuner/Broadcasting**Digital Broadcasting**

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity

HDMI

4

USB

2

HDMI (High Frame Rate)

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

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)

Anynet+ (HDMI-CEC)

Yes

Design

Design

Serif Design

Bezel Type

VNB

Slim Type

Slim look

Front Colour

CLOUD WHITE

Stand

METAL FLOOR STAND

Stand Colour

BLACK

Additional Feature

Auto Channel Search

Yes

Caption (Subtitle)

Yes

Connect Share™ (HDD)

Yes

ConnectShare™ (USB 2.0)

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, French

BT HID Built-in

Yes

USB HID Support

Yes

V-Chip

Yes

IPv6 Support

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

Accessibility - Others

Enlarget / 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 / 60 Hz

Power Consumption (Max)

160 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

70 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension**Package Size (WxHxD)**

1403 x 894 x 308 mm

Set Size with Stand (WxHxD)

1254.9 x 1237.4 x 482.8 mm

Set Size without Stand (WxHxD)

1254.9 x 748.3 x 221 mm

Stand (Basic) (WxD)

1051.0 x 482.8 mm

Weight**Package Weight**

35.3 kg

Set Weight with Stand

27.6 kg

Set Weight without Stand

26.5 kg

Accessory**Remote Controller Model**

TM2281E

Samsung Smart Control

Yes

User Manual

Yes

E-Manual

Yes

Power Cable

Yes

Webcam Support

Yes

