

Product Type

QLED

Display**Screen Size** ?

55"

Refresh Rate

144 Hz (VRR Support)

Resolution ?

3840 x 2160

DLG

240 Hz

Anti Reflection

Glare Free

Video**Picture Engine**

NQ4 AI Gen2 Processor

AI Picture

AI Optimized / AI Customization

HDR (High Dynamic Range)

Quantum HDR

HDR 10+

Yes (Adaptive / Gaming)

Picture Upscale

4K AI Upscaling

Contrast

Dual LED

Viewing Angle

Wide Viewing Angle

Micro Dimming

Supreme UHD Dimming

Contrast Enhancer

Real Depth Enhancer

Motion Technology

Motion Xcelerator 144 Hz

Smart Calibration

Basic

HDR Brightness**Optimizer**

Yes

Color Booster

Color Booster Pro

Filmmaker Mode

Yes

AI HDR Remastering

Auto HDR Remastering

EyeComfort Mode

Yes

Audio**Adaptive Sound**

Adaptive Sound Pro

Object Tracking Sound

OTS Lite

Q-Symphony ?

Yes

Sound Output (RMS) ?

20 W

Speaker Type ?

2ch

Active Voice Amplifier

Active Voice Amplifier Pro

Dolby Atmos

Yes

360 Audio

Yes

AI Sound Controller

AI Sound Controller

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**

Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On

Multi-View

up to 2 Videos

Apple AirPlay

Yes

Daily+

Yes

Storage Share

Yes

Live Translate

Yes

Generative Wallpaper

Yes

Karaoke Mic

Yes

Google Cast

Yes

Vision AI Companion**Soccer Mode**

Yes (US, CA)

AI Soccer Mode

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

Game bar

Yes

Mini Map Zoom

Yes

HGiG

Yes

FreeSync

FreeSync Premium

Hue Sync

Yes

Gaming Hub

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

AI Auto Game Mode

Yes

AI Gaming Optimizer

Yes

Tuner/Broadcasting**Digital Broadcasting**

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity**HDMI**

4

USB ?

2 x USB-A

HDMI Maximum Input**Rate**

4K 144 Hz (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 6E)

Bluetooth ?

Yes (5.3)

Anynet+ (HDMI-CEC)

Yes

HDMI Audio Return**Channel**

eARC

Design**Design**

Frame Design

Bezel Type

VNB

Front Color

Black

Stand Type

Round Feet

Stand Color

Black

Additional Feature**Art Mode (The Frame)**

Yes

Art Store

Yes

Motion Detection (The**Frame)**

Yes

Embedded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language ?

English, Spanish, French

V-Chip ?

Yes

Accessibility**Voice Guide**

Czech (Czech Republic),Danish (Denmark),Dutch (Netherlands),English (US),Finnish (Finland),French

Audio Description

Yes

High Contrast

Yes

(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)

Zoom Menu and Text

Yes

SeeColors

Yes

Colors Inversion

Yes

Grayscale

Yes

Auto Picture Off

Yes

Magnification

Yes

Relumino

Yes

Audio Subtitles

Yes

Audio Phone Number

Yes

**Closed Caption
(Subtitle)**

Yes

Multi-output Audio

Yes

Sign Language Zoom

Yes

Caption Position

Yes

**Separate Closed
Caption**

Yes

Slow Button Repeat

Yes

Accessibility Remote

Yes

Learn TV Remote

Yes

Learn Menu Screen

Yes

**Accessibility
Shortcuts Edit**

Yes

Auto Menu Sort

Yes

Power & Eco Solution**Eco Sensor** ?

Yes

Power Supply

AC110-120V~ 50/60 Hz

Power Consumption**(Max)**

160 W

**Power Consumption
(Stand-by)**

0.5 W

**Power Consumption
(Typical)**

123 W

Auto Power Off ?

Yes

Auto Power Saving

Yes

Dimensions**Package Size (WxHxD)**

54.1 x 32.3 x 5.6 in.

Set Size with Stand**(WxHxD)**

48.7 x 29.3 x 8.6 in.

Set Size without Stand**(WxHxD)**

48.7 x 27.9 x 1.1 in.

Stand (Basic) (WxD)

35.51 x 8.59 in

VESA Spec

200 x 200 mm

Weight**Shipping** ?**Weight**

45.6 lb

Set Weight with Stand**(lb)**

32.2 lb

Set Weight without Stand**(lb)**

31.5 lb

Accessory**Remote Controller****Model**

Included

Slim Fit Wall-mount**Support**

Yes

Studio Stand Support

Yes

**Customizable Frame
Support****User Manual**

Yes

**Full Motion Slim Wall
Mount Support (Y22)**

Yes

Yes

Power Cable

SlimFit Cam Support

Zigbee / Thread Module

Yes

Dongle Support

Yes