

Product Type

Product Type

QLED

Display

Screen Size ?

85"

DLG

240 Hz

Video

Picture Engine

NQ4 AI Gen2 Processor

HDR 10+

Yes (Adaptive / Gaming)

Viewing Angle

Wide Viewing Angle

Motion Technology

Motion Xcelerator 144 Hz

HDR Brightness

Optimizer

Yes

AI HDR Remastering

Auto HDR Remastering

Audio

Adaptive Sound

Adaptive Sound Pro

Sound Output (RMS) ?

20 W

Dolby Atmos

Yes

Smart Service

Operating System

Tizen™ Smart TV

Samsung TV Plus

Yes

SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote

Yes

Smart Feature

Multi Device

Experience

Mobile to TV, TV initiate mirroring, Sound

Mirroring, Wireless TV

On

Daily+

Yes

Generative Wallpaper

Refresh Rate

144 Hz (VRR Support)

Anti Reflection

Glare Free

AI Picture

AI Optimized / AI Customization

Picture Upscale

4K AI Upscaling

Micro Dimming

Supreme UHD Dimming

Smart Calibration

Basic

Color Booster

Color Booster Pro

EyeComfort Mode

Yes

Object Tracking Sound

OTS Lite

Speaker Type ?

2ch

360 Audio

Yes

Bixby

Yes

Web Browser

Yes

Samsung Health

Yes

Multi-View

up to 2 Videos

Storage Share

Yes

Karaoke Mic

Resolution ?

3840 x 2160

HDR (High Dynamic Range)

Quantum HDR

Contrast

Dual LED

Contrast Enhancer

Real Depth Enhancer

Supersize Picture

Enhancer

Yes

Filmmaker Mode

Yes

Q-Symphony

Yes

Active Voice Amplifier

Active Voice Amplifier Pro

AI Sound Controller

AI Sound Controller

Built-in Voice

Assistant

Alexa

Works with AI Speaker

Alexa, Google Assistant

Universal Guide

Yes








Apple AirPlay

Yes

Live Translate

Yes

Google Cast

Yes	Yes	Yes
Vision AI Companion	Soccer Mode	
Yes (US, CA)	AI Soccer Mode	
Game Feature		
Auto Game Mode (ALLM)	Game Motion Plus	Dynamic Black EQ
Yes	Yes	Yes
VRR	Surround Sound	Super Ultra Wide Game View
Yes	Yes	Yes
Game bar	Mini Map Zoom	HGiG
Yes	Yes	Yes
FreeSync	Hue Sync	Gaming Hub
FreeSync Premium	Yes	Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)
AI Auto Game Mode	AI Gaming Optimizer	
Yes	Yes	
Tuner/Broadcasting		
Digital Broadcasting	Analog Tuner	
ATSC / ClearQAM	Yes	
Connectivity		
HDMI	USB 	HDMI Maximum Input Rate
4	2 x USB-A	4K 144 Hz (for HDMI 1/2/3/4)
Ethernet (LAN) 	Digital Audio Out (Optical) 	RF In (Terrestrial / Cable input / Satellite Input)
1	1	1 / 1(Common Use for Terrestrial) / 0
Ex-Link (RS-232C)	Wi-Fi 	Bluetooth 
1	Yes (Wi-Fi 6E)	Yes (5.3)
Anynet+ (HDMI-CEC)	HDMI Audio Return Channel	
Yes	eARC	
Design		
Design	Bezel Type	Front Color
Frame Design	VNB	Black
Stand Type	Stand Color	
Round Feet	Black	
Additional Feature		
Art Mode (The Frame)	Art Store	Motion Detection (The Frame)
Yes	Yes	Yes
Embedded POP	EPG	IP Control
Yes	Yes	Yes
OSD Language 	V-Chip 	
English, Spanish, French	Yes	
Accessibility		
Voice Guide	Audio Description	High Contrast
Czech (Czech Republic),Danish (Denmark),Dutch	Yes	Yes

(Netherlands),English
 (US),Finnish
 (Finland),French
 (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)**

300 W

Power Consumption**(Stand-by)**

0.5 W

Power Consumption**(Typical)**

243 W

Auto Power Off ?

Yes

Auto Power Saving

Yes

Dimensions**Package Size (WxHxD)**

81.4 x 47.2 x 7 in.

Set Size with Stand**(WxHxD)**

75 x 44.5 x 14.5 in.

Set Size without Stand**(WxHxD)**

75 x 42.7 x 1.2 in.

Stand (Basic) (WxD)

55.52 x 14.53 in

Stand (Minimum)**(WxD)**

14.18 x 14.53 in

VESA Spec

600 x 400 mm

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

117.9 lb

Set Weight with Stand**(lb)**

92.2 lb

Set Weight without Stand**(lb)**

90.4 lb

Accessory**Remote Controller****Model****Customizable Frame****Support****User Manual**

Yes

Included

Yes

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

Yes

Power Cable

Yes

SlimFit Cam Support

Dongle Support

Zigbee / Thread Module

Yes