

Specifications

Overview

Screen Size	Resolution	Picture Engine	HDR (High Dynamic Range)
85"	4K (3,840 x 2,160)	Q4 AI Processor	Quantum HDR+

Product Type

QLED

Display

Screen Size	Refresh Rate	Diagonal Screen Size	Resolution
85"	120Hz(Up to 144Hz)	84.5"	4K (3,840 x 2,160)

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	AI Upscale
Q4 AI Processor	Quantum HDR+	Yes (ADAPTIVE/ GAMING)	4K AI Upscaling
Contrast	Viewing Angle	Micro Dimming	Contrast Enhancer
Dual LED	Wide Viewing Angle	Supreme UHD Dimming	Real Depth Enhancer
Motion Technology	Smart Calibration	Filmmaker Mode (FMM)	AI HDR Remastering
Motion Xcelerator 144Hz	Basic	Yes	Auto HDR Remastering

Audio

Object Tracking Sound OTS Lite	Q-Symphony Yes	Sound Output (RMS) 20W	Speaker Type 2CH
Adaptive Sound Yes	360 Audio Yes		

Smart Service

Operating System Tizen™ Smart TV	Bixby Yes	Far-Field Voice Interaction Yes	Built-in Voice Assistant Alexa
Samsung TV Plus Yes	Web Browser Yes	Works with AI Speaker Alexa, Google Assistant	SmartThings Hub / Matter IoT-Sensor Functional Remote Yes
Samsung Health Yes	Universal Guide Yes		

Smart Feature

Multi Device Experience TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View	Multi-View upto 2 videos	Apple AirPlay Yes	Daily+ Yes
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Game Feature

Auto Game Mode (ALLM)	Game Motion Plus	Dynamic Black EQ	VRR
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Yes	Yes	Yes	Yes
Surround Sound	Super Ultra Wide Game View	Mini Map Zoom	FreeSync
Yes	Yes	Yes	FreeSync Premium
Hue Sync	HGiG	Gaming Hub	
Yes	Yes	Yes	

Tuner/Broadcasting

Digital Broadcasting	Analog Tuner
ATSC/Clear QAM	Yes

Connectivity

HDMI	USB	HDMI (High Frame Rate)	Ethernet (LAN)
4	2 x USB-A	4K 144Hz (for HDMI 1/2/3/4)	1
Digital Audio Out (Optical)	RF In (Terrestrial / Cable input / Satellite input)	Wi-Fi	Bluetooth
1	1/1(Common Use for Terrestrial)/0	Yes (Wi-Fi 5)	Yes(5.3)
AnyNet+ (HDMI-CEC)	HDMI Audio Return Channel		
Yes	eARC		

Design

Design	Bezel Type	Front Colour	Stand
AirSlim	3 Bezel-less	Black	Aero Linear
Stand Colour			
Black			

Additional Feature

Embedded POP

Yes

EPG

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

Low Vision Support

Audio Description, Zoom Menu and Text, High Contrast, SeeColours, Colour Inversion, Grayscale, Auto Picture Off

Hearing Impaired Support

Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide

Motor Impaired Support

Slow Button Repeat, Remote Control App. for All

Power & Eco Solution

Eco Sensor

Yes

Power Supply

AC110-120V~ 50/60Hz

Power Consumption (Max)

320 W

Power Consumption (Typical)

0.5 W

Power Consumption (Typical)

265 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension

Package Size (WxHxD)

2059 x 1200 x 171 mm

Set Size with Stand (WxHxD)

1900.9 x 1141.9 x 365.6 mm

Set Size without Stand (WxHxD)

1900.9 x 1086.1 x 26.9 mm

Stand (Basic) (WxD)

1420 x 365.6 mm

Stand (Minimum) (WxD)

370 x 365.6 mm

VESA Spec

600 x 400 mm

Weight**Package Weight**

52.9 kg

Set Weight with Stand

41.3 kg

Set Weight without Stand

40.4 kg

Accessory**Remote Controller Model**

TM2360E

Slim Wall Mount Compatible

Yes (sold seperately)

User Manual

Yes

**Full Motion Slim Wall I
Compatible (Y22)**

Yes (sold seperately)

SlimFit Cam Compatible

Yes (sold seperately)

Zigbee / Thread Module

Built-In

Power Cable

Yes