

Specifications

Overview

Screen Size	Resolution	Picture Engine	HDR (High Dynamic R
50"	4K (3,840 x 2,160)	Q4 AI Processor	Quantum HDR+

Product Type

QLED

Display

Screen Size	Refresh Rate	Diagonal Screen Size	Resolution
50"	60Hz	49.5"	4K (3,840 x 2,160)

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	AI Upscale
Q4 AI Processor	Quantum HDR+	Yes (ADAPTIVE)	4K Upscaling
Contrast	Micro Dimming	Contrast Enhancer	Motion Technology
Dual LED	Supreme UHD Dimming	Yes	Motion Xcelerator
Smart Calibration	Filmmaker Mode (FMM)	HDR Brightness Optimizer	
Basic	Yes	Yes	

Audio

Object Tracking Sound

OTS Lite

Q-Symphony

Yes

Sound Output (RMS)

20W

Speaker Type

2CH

Adaptive Sound

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

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

Apple AirPlay

Yes

Daily+

Yes

Game Feature

Auto Game Mode (ALLM)

Game Motion Plus

Super Ultra Wide Game View

Mini Map Zoom

Yes	Yes	Yes	Yes
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)
3	2 x USB-A	4K 60Hz (for HDMI 1/2/3)	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/ARC		

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

Czech (Czech Republic), Danish (Denmark), Dutch (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)

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)

125 W

Power Consumption (Typical)

0.5 W

Power Consumption (Typical)

105 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension

Package Size (WxHxD)

1241 x 744 x 125 mm

Set Size with Stand (WxHxD)

1118.3 x 701.5 x 238.6 mm

Set Size without Stand (WxHxD)

1118.3 x 644.1 x 25.7 mm

Stand (Basic) (WxD)

760.4 x 238.6 mm

VESA Spec

200 x 200 mm

Weight

Package Weight

14.8 kg

Set Weight with Stand

11.2 kg

Set Weight without Stand

10.8 kg

Accessory

Remote Controller Model

TM2360E

Slim Wall Mount Compatible

Yes (sold seperately)

Optional Stand Compatible (Studio)

Yes (sold seperately)

Mini Wall Mount Comp

Yes (sold seperately)

User Manual

Yes

Full Motion Slim Wall Mount Compatible (Y22)

Yes (sold seperately)

SlimFit Cam Compatible

Yes (sold seperately)

Zigbee / Thread Modul

Built-In

Power Cable

Yes