

Specifications

Overview

Product Type	Display	Diagonal Screen Size	Refresh Rate
QLED	65"	64.5"	120 Hz (Up to 144 Hz)

Product Type

QLED

Display

Screen Size	Refresh Rate	Diagonal Screen Size	Resolution
65"	120 Hz (Up to 144 Hz)	64.5"	4K (3,840 x 2,160)
Anti Reflection			
Matte Display			

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	AI Upscale
NQ4 AI Gen2 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)	HDR Brightness Optim
Motion Xcelerator 144Hz	Basic	Yes	Yes

AI HDR Remastering

Auto HDR Remastering

Audio

Dolby Atmos

Yes

Dolby Decoder

Yes

Object Tracking Sound

OTS

Q-Symphony

Yes

Sound Output (RMS)

40 W

Speaker Type

2.0.2 CH

Active Voice Amplifier Pro

Yes

Adaptive Sound

Yes (Adaptive Sound Pr

360 Audio

Yes

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

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

Multi-View

upto 2 videos

Ambient Mode

Yes (In Art Mode)

Apple AirPlay

Yes

Daily+

Yes

Game Feature

Auto Game Mode (ALLM)	Game Motion Plus	Dynamic Black EQ	VRR
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, 1 x USB-C	4K 144 Hz (for HDMI 4)	1
Digital Audio Out (Optical)	RF In (Terrestrial / Cable input / Satellite input)	Ex-Link (RS-232C)	HDMI Quick Switch
1	1/1(Common Use for Terrestrial)/0	1	Yes
Wi-Fi	Bluetooth	Anynet+ (HDMI-CEC)	HDMI Audio Return Channel
Yes (Wi-Fi 5)	Yes(5.3)	Yes	eARC
One Connect Box			
One Connect (Y24 4K)			

Design

Design

Frame Design

Bezel Type

VNB

Front Colour

BLACK

Stand

SIMPLE

Stand Colour

BLACK

Additional Feature

Art Mode (The Frame)

Yes

Motion Detection (Frame)

Yes

Embedded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, French

V-Chip

Yes

Accessibility

Accessability - 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 Subtitles, Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color 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, Auto Caption Position

Motor Impaired Suppo

Slow Button Repeat, Re Control App. for All

Power & Eco Solution

Eco Sensor

Yes

Power Supply

AC110-120V~ 50/60Hz

Power Consumption (Max)

215 W

Power Consumption (Idle)

0.5 W

Power Consumption (Typical)

183 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension

Package Size (WxHxD)

1614 x 950 x 191 mm

Set Size with Stand (WxHxD)

1456.8 x 868.9 x 260.9 mm

Set Size without Stand (WxHxD)

1456.8 x 831.9 x 24.9 mm

Stand (Basic) (WxD)

1076.8 x 260.9 mm

VESA Spec

400 x 300 mm

Weight

Package Weight

32.1 kg

Set Weight with Stand

22.8 kg

Set Weight without Stand

22.4 kg

Accessory

Remote Controller Model

TM2561E

Slim Wall Mount Compatible

Included

Optional Stand Compatible (Studio)

Yes

* Sold separately

Mini Wall Mount Compatible

Yes

* Sold separately

Customizable Bezel Compatible

Yes

* Sold separately

Auto-Rotation Accessory Compatible

User Manual

Yes

Full Motion Slim Wall Mount Compatible (Y22)

Yes
* Sold separately

Yes
* Sold separately

SlimFit Cam Compatible
Yes
* Sold separately.

Zigbee / Thread Module
Built-In

Power Cable
Yes