

# Specifications

## Overview

<b>Product Type</b> QLED	<b>Display</b> 55"	<b>Diagonal Screen Size</b> 54.6"	<b>Refresh Rate</b> 120 Hz (Up to 144 Hz)
-----------------------------	-----------------------	--------------------------------------	--

## Product Type

QLED

## Display

<b>Screen Size</b> 55"	<b>Refresh Rate</b> 120 Hz (Up to 144 Hz)	<b>Diagonal Screen Size</b> 54.6"	<b>Resolution</b> 4K (3,840 x 2,160)
---------------------------	--	--------------------------------------	---

### Anti Reflection

Matte Display

## Video

<b>Picture Engine</b> NQ4 AI Gen2 Processor	<b>HDR (High Dynamic Range)</b> Quantum HDR	<b>HDR 10+</b> Yes (ADAPTIVE/ GAMING)	<b>AI Upscale</b> 4K AI Upscaling
<b>Contrast</b> Dual LED	<b>Viewing Angle</b> Wide Viewing Angle	<b>Micro Dimming</b> Supreme UHD Dimming	<b>Contrast Enhancer</b> Real Depth Enhancer
<b>Motion Technology</b> Motion Xcelerator 144Hz	<b>Smart Calibration</b> Basic	<b>HDR Brightness Optimizer</b> Yes	<b>Filmmaker Mode (FMM)</b> Yes

## AI HDR Remastering

Auto HDR Remastering

## Audio

### Adaptive Sound

Yes (Adaptive Sound Pro)

### Object Tracking Sound

OTS

### Q-Symphony

Yes

### Sound Output (RMS)

40 W

### Speaker Type

2.0.2 CH

### Active Voice Amplifier Pro

Yes

### Dolby Atmos

Yes

### 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)

### Virtual Communication

Yes (US Only)

### Apple AirPlay

Yes

### Daily+

Yes

## 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

### Mini Map Zoom

Yes

### FreeSync

FreeSync Premium

### HGiG

Yes

### Hue Sync

Yes

### Gaming Hub

Yes

## Tuner/Broadcasting

### Digital Broadcasting

ATSC/Clear QAM

### Analog Tuner

Yes

## Connectivity

### HDMI

4

### USB

2 x USB-A, 1 x USB-C

### HDMI (High Frame Rate)

4K 144Hz (for HDMI 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 5)

### Bluetooth

Yes(5.3)

### Anynet+ (HDMI-CEC)

Yes

### HDMI Audio Return Channel

eARC

### One Connect Box

One Connect (Y24 4K)

## Design

<b>Design</b> Frame Design	<b>Bezel Type</b> VNB	<b>Front Colour</b> BLACK	<b>Stand</b> SIMPLE
<b>Stand Colour</b> BLACK			

## Additional Feature

<b>Art Mode (The Frame)</b> Yes	<b>Motion Detection (Frame)</b> Yes	<b>EPG</b> Yes	<b>IP Control</b> Yes
<b>OSD Language</b> English, Spanish, French	<b>V-Chip</b> 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 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 Support

Slow Button Repeat, Remote Control App. for All

## Power & Eco Solution

<b>Eco Sensor</b> Yes	<b>Power Supply</b> AC110-120V~ 50/60Hz	<b>Power Consumption (Max)</b> 170 W	<b>Power Consumption (Typical)</b> 0.5 W
<b>Power Consumption (Typical)</b> 139 W	<b>Auto Power Off</b> Yes	<b>Auto Power Saving</b> Yes	

## Dimension

<b>Package Size (WxHxD)</b> 1405 x 846 x 185 mm	<b>Set Size with Stand (WxHxD)</b> 1237.9 x 743.4 x 227.8 mm	<b>Set Size without Stand (WxHxD)</b> 1237.9 x 708.8 x 24.9 mm	<b>Stand (Basic) (WxD)</b> 897.2 x 227.8 mm
<b>VESA Spec</b> 200 x 200 mm			

## Weight

<b>Package Weight</b> 27.2 kg	<b>Set Weight with Stand</b> 17.3 kg	<b>Set Weight without Stand</b> 16.9 kg
----------------------------------	---	--

## Accessory

<b>Remote Controller Model</b> TM2361E	<b>Slim Wall Mount Compatible</b> Included	<b>Optional Stand Compatible (Studio)</b> Yes * Sold separately.	<b>Customizable Bezel Color</b> Yes * Sold separately.
<b>User Manual</b> Yes	<b>Auto-Rotation Accessory Compatible</b> Yes * Sold separately.	<b>Full Motion Slim Wall Mount Compatible (Y22)</b> Yes * Sold separately.	<b>Power Cable</b> Yes
<b>SlimFit Cam Compatible</b> Yes * Sold separately.	<b>Zigbee / Thread Module</b> Built-In		