

# Specifications

## Product Type

OLED

## Display

|                 |                      |                    |                     |
|-----------------|----------------------|--------------------|---------------------|
| Screen Size     | Diagonal Screen Size | Resolution         | Refresh Rate        |
| 55"             | 54.6"                | 4K (3,840 x 2,160) | 120Hz (Up to 144Hz) |
| Anti Reflection |                      |                    |                     |
| Yes             |                      |                    |                     |

## Video

|                       |                          |                          |                          |
|-----------------------|--------------------------|--------------------------|--------------------------|
| Picture Engine        | HDR (High Dynamic Range) | HDR 10+                  | Contrast                 |
| NQ4 AI Gen3 Processor | OLED HDR+                | Yes (ADAPTIVE/ GAMING)   | Self-illuminating pixels |
| Viewing Angle         | Contrast Enhancer        | Motion Technology        | Smart Calibration        |
| Ultra Viewing Angle   | Real Depth Enhancer      | Motion Xcelerator 144Hz  | Basic                    |
| AI Upscale            | AI Motion Enhancer       | HDR Brightness Optimizer | Filmmaker Mode (FMM)     |
| 4K AI Upscaling Pro   | AI Motion Enhancer Pro   | Yes                      | Yes                      |
| AI HDR Remastering    |                          |                          |                          |
| Auto HDR Remastering  |                          |                          |                          |

## Audio

|                              |                                                   |                                           |                                  |
|------------------------------|---------------------------------------------------|-------------------------------------------|----------------------------------|
| <b>Dolby Atmos</b><br>Yes    | <b>Object Tracking Sound</b><br>OTS Lite          | <b>Q-Symphony</b><br>Yes (Q-Symphony Pro) | <b>Sound Output (RMS)</b><br>40W |
| <b>Speaker Type</b><br>2.1CH | <b>Adaptive Sound</b><br>Yes (Adaptive Sound Pro) | <b>360 Audio</b><br>Yes                   |                                  |

## Smart Service

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

## Smart Feature

|                                                                                                                                |                                    |                            |                                               |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------|-----------------------------------------------|
| <b>Multi Device Experience</b><br>TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View | <b>Multi-View</b><br>upto 2 videos | <b>Ambient Mode</b><br>Yes | <b>Virtual Communication</b><br>Yes (US Only) |
| <b>Apple AirPlay</b><br>Yes                                                                                                    | <b>ScreenVitals</b><br>Yes         | <b>Daily+</b><br>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 Pro

### HGiG

Yes

### Gaming Hub

Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

## Tuner/Broadcasting

### Digital Broadcasting

ATSC/ClearQAM

### Analog Tuner

Yes

## Connectivity

### HDMI

4

### HDMI (High Frame Rate)

4K 144Hz (for HDMI 1/2/3/4)

### USB

3 x USB-A

### Ethernet (LAN)

1

### Audio Out (Mini Jack)

Yes

### Digital Audio Out (Optical)

1

### RF In (Terrestrial / Cable input / Satellite input)

1/1(Common Use for Terrestrial)/0

### Ex-Link ( RS-232C )

1

### HDMI Audio Return Channel

eARC

### Wi-Fi

Yes (Wi-Fi 5)

### Bluetooth

Yes(5.3)

### Anynet+ (HDMI-CEC)

Yes

## Design

### Design

LaserSlim

### Bezel Type

4 Bezel-less

### Front Colour

GRAPHITE BLACK

### Stand

SIMPLE PLUS BLADE

### Stand Colour

SPACE TITAN

## Additional Feature

### 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 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

### Power Supply

### Power Consumption (Max)

### Power Consumption (Stand-by)

### Power Consumption (Eco)

AC110-120V~ 50/60Hz

290 W

0.5 W

110 W

**Eco Sensor**

Yes

**Auto Power Saving**

Yes

**Auto Power Off**

Yes

## Dimension

**Package Size (WxHxD)**

1385 x 832 x 153 mm

**Set Size with Stand (WxHxD)**

1225.4 x 773.6 x 265.2 mm

**Set Size without Stand (WxHxD)**

1225.4 x 708.6 x 39.9 mm

**Stand (Basic) (WxD)**

366.0 x 265.2 mm

**VESA Spec**

300 x 200 mm

## Weight

**Package Weight**

22.9 kg

**Set Weight with Stand**

17.3 kg

**Set Weight without Stand**

16 kg

## Accessory

**Remote Controller Model**

TM2360E

**Slim Wall Mount Compatible**

Yes

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

Yes

**SlimFit Cam Compatib**

Yes

**Zigbee / Thread Module**

Built-In

**User Manual**

Yes

**Power Cable**

Yes