

# Specifications

|              |                          |                          |              |
|--------------|--------------------------|--------------------------|--------------|
|              | Series                   | Resolution               | Connectivity |
|              | 9                        | 4K (3,840 x 2,160)       | 4            |
|              | Motion Technology        |                          |              |
|              | Motion Xcelerator 144Hz  |                          |              |
|              |                          |                          |              |
| Product Type | OLED                     |                          |              |
|              |                          |                          |              |
| Series       | 9                        |                          |              |
|              |                          |                          |              |
| Display      | Screen Size              | Diagonal Screen Size     |              |
|              | 55"                      | 54.6"                    |              |
|              | Resolution               | Refresh Rate             |              |
|              | 4K (3,840 x 2,160)       | 120 Hz (Up to 144 Hz)    |              |
|              | Anti Reflection          |                          |              |
|              | Yes                      |                          |              |
|              |                          |                          |              |
| Video        | Picture Engine           | HDR (High Dynamic Range) |              |
|              | NQ4 AI Gen2 Processor    | OLED HDR+                |              |
|              | Compatible with HDR 10+  | Contrast                 |              |
|              | Yes (ADAPTIVE / GAMING)  | Self-illuminating pixels |              |
|              |                          |                          |              |
|              | Colour                   | Viewing Angle            |              |
|              | Perceptual Color Mapping | Ultra Viewing Angle      |              |
|              | Motion Technology        | Film Mode                |              |
|              | Motion Xcelerator 144Hz  | Yes                      |              |

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Smart Calibration</b><br>Basic  | <b>AI Upscale</b><br>4K AI Upscaling |
| <b>Filmmaker Mode (FMM)</b><br>Yes |                                      |

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## Audio

|                                |                                          |
|--------------------------------|------------------------------------------|
| <b>Dolby Atmos</b><br>Yes      | <b>Object Tracking Sound</b><br>OTS Lite |
| <b>Q-Symphony</b><br>Yes       | <b>Sound Output (RMS)</b><br>40W         |
| <b>Speaker Type</b><br>2.1 CH  | <b>Multiroom Link</b><br>No              |
| <b>Bluetooth Audio</b><br>Yes  | <b>Active Voice Amplifier</b><br>Yes     |
| <b>Buds Auto Switch</b><br>Yes |                                          |

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## 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>SmartThings Hub / Matter Hub / IoT-Sensor Funtionality</b><br>Yes | <b>Samsung Health</b><br>Yes                            |
| <b>Universal Guide</b><br>Yes                                        | <b>Media Home</b><br>Yes                                |

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## 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>up to 2 videos |
| <b>Ambient Mode</b><br>Ambient Mode+                                                                                           | <b>ScreenVitals</b><br>Yes          |

Game Feature

Auto Game Mode (ALLM)  
Yes

Game Motion Plus  
Yes

Dynamic Black EQ  
Yes

Surround Sound  
Yes

Super Ultra Wide Game View  
Yes

Mini Map Zoom  
Yes

FreeSync  
FreeSync Premium

HGiG  
Yes

Gaming Hub  
Yes

Tuner/Broadcasting

Digital Broadcasting  
ATSC / ClearQAM

Analog Tuner  
Yes

Connectivity

HDMI  
4

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

USB  
2 x USB-A

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

HDMI Audio Return Channel  
eARC

Wi-Fi  
Yes (Wi-Fi 5)

Bluetooth  
Yes (BT5.2)

Design

Design  
LaserSlim

Bezel Type  
4 Bezel-less

Front Colour  
Graphite black

Stand  
Simple plus blade

Stand Colour  
Space titan

|                      |                                                                                                                                                                                                                              |                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional Feature   | ConnectShare™<br>Yes                                                                                                                                                                                                         |                                                                                                                                                                                          |
|                      |                                                                                                                                                                                                                              |                                                                                                                                                                                          |
| Accessibility        | <b>Accessibility - Voice Guide</b><br>US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean | <b>Low Vision Support</b><br>Audio Subtitles (AU,KR,UK,US Only), Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off |
|                      | <b>Hearing Impaired Support</b><br>Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide, Auto Caption Position                                  | <b>Motor Impaired Support</b><br>Slow Button Repeat, Remote Control App. for All                                                                                                         |
| Power & Eco Solution | <b>Power Supply</b><br>AC110-120 V ~ 50/60 Hz                                                                                                                                                                                | <b>Power Consumption (Max)</b><br>275 W                                                                                                                                                  |
|                      | <b>Power Consumption (Stand-by)</b><br>0.5 W                                                                                                                                                                                 | <b>Power Consumption (Typical)</b><br>88 W                                                                                                                                               |
|                      | <b>Eco Sensor</b><br>Yes                                                                                                                                                                                                     | <b>Auto Power Saving</b><br>Yes                                                                                                                                                          |
|                      | <b>Auto Power Off</b><br>Yes                                                                                                                                                                                                 |                                                                                                                                                                                          |
| Dimension            | <b>Package Size (WxHxD)</b><br>1385 x 832 x 153 mm                                                                                                                                                                           | <b>Set Size with Stand (WxHxD)</b><br>1225.4 x 773.6 x 265.2 mm                                                                                                                          |
|                      | <b>Set Size without Stand (WxHxD)</b><br>1225.4 x 708.6 x 39.9 mm                                                                                                                                                            | <b>Stand (Basic) (WxD)</b><br>366.0 x 265.2 mm                                                                                                                                           |
|                      | <b>VESA Spec</b><br>300 x 200 mm                                                                                                                                                                                             |                                                                                                                                                                                          |
|                      |                                                                                                                                                                                                                              |                                                                                                                                                                                          |
| Weight               | <b>Package Weight</b><br>22.9 kg                                                                                                                                                                                             | <b>Set Weight with Stand</b><br>17.3 kg                                                                                                                                                  |
|                      | <b>Set Weight without Stand</b><br>16.0 kg                                                                                                                                                                                   |                                                                                                                                                                                          |

**Accessory**

**Remote Controller Model**  
TM2360E

**Slim Wall Mount Compatible**  
Yes

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

**SlimFit Cam Compatible**  
Yes

**Zigbee / Thread Module**  
Built-In

**User Manual**  
Yes

**Power Cable**  
Yes

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