

Specifications

	Product Type	Resolution	Display
	OLED	4K (3,840 x 2,160)	55"
	Series		
	8		
Product Type	OLED		
Series	8		
Display	Screen Size	Diagonal Screen Size	
	55"	54.6"	
	Resolution	Refresh Rate	
	4K (3,840 x 2,160)	120Hz	
	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 120Hz	Yes	

Smart Calibration
Basic

Filmmaker Mode (FMM)
Yes

AI Upscale
4K AI Upscaling

Audio

Dolby Atmos
Yes

Object Tracking Sound
OTS Lite

Q-Symphony
Yes

Sound Output (RMS)
20W

Speaker Type
2CH

Multiroom Link
No

Bluetooth Audio
Yes

Active Voice Amplifier
Yes

Buds Auto Switch
Yes

Smart Service

Operating System
Tizen™ Smart TV

Bixby
Yes

Far-Field Voice Interaction
Yes

Built-in Voice Assistant
Alexa

Samsung TV Plus
Yes

Works with AI Speaker
Alexa, Google Assistant

SmartThings Hub / Matter Hub / IoT-Sensor Funtionality
Yes

Samsung Health
Yes

Universal Guide
Yes

Media Home
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
Ambient Mode+

Virtual Communication
Yes (US Only)

ScreenVitals
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 (US, CA, KR, BR, UK, FR, DE, IT, ES, MX, AU)

Tuner/Broadcasting

Digital Broadcasting

ATSC/ClearQAM

Analog Tuner

Yes

Connectivity

HDMI

4

HDMI (High Frame Rate)

4K 120Hz (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

Contour Design

Bezel Type

4 Bezel-less

Front Colour

GRAPHITE BLACK

Stand

SIMPLE LINEAR

Stand Colour

BLACK

Additional Feature	ConnectShare™ Yes	
Accessibility	Accessibility - Voice Guide US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean	Low Vision Support Audio Subtitles (AU,KR,UK,US Only), Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, 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 AC110-120V~ 50/60Hz	Power Consumption (Max) 230 W
	Power Consumption (Stand-by) 0.5 W	Power Consumption (Typical) 84 W
	Eco Sensor Yes	Auto Power Saving Yes
	Auto Power Off Yes	
Dimension	Package Size (WxHxD) 1383 x 832 x 147 mm	Set Size with Stand (WxHxD) 1225.7 x 774.4 x 235.3 mm
	Set Size without Stand (WxHxD) 1225.7 x 705.6 x 33.9 mm	Stand (Basic) (WxD) 896.9 x 235.3 mm
	Stand (Minimum) (WxD) 259.5 x 235.3 mm	VESA Spec 300 x 200 mm
Weight	Package Weight 18.4 kg	Set Weight with Stand 13.4 kg
	Set Weight without Stand 13.0 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
