

Specifications

	Product Type	Resolution	Display
	OLED	4K (3,840 x 2,160)	48"
	Series		
	9		
Product Type	OLED		
Series	9		
Display	Screen Size 48"	Diagonal Screen Size 47.5"	
	Resolution 4K (3,840 x 2,160)	Refresh Rate 120Hz (Up to 144Hz)	
	Anti Reflection Yes		
Video	Picture Engine NQ4 AI Gen2 Processor	HDR (High Dynamic Range) OLED HDR	
	Compatible with HDR 10+ Yes (ADAPTIVE/ GAMING)	Contrast Self-illuminating pixels	
	Colour Perceptual Color Mapping	Viewing Angle Ultra Viewing Angle	
	Motion Technology Motion Xcelerator 144Hz	Film Mode Yes	

Smart Calibration Basic	AI Upscale 4K AI Upscaling
Filmmaker Mode (FMM) Yes	

Audio

Dolby Atmos Yes	Object Tracking Sound OTS Lite
Q-Symphony Yes	Sound Output (RMS) 40W
Speaker Type 2.1CH	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 144Hz (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™ 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) 190 W
	Power Consumption (Stand-by) 0.5 W	Power Consumption (Typical) 77 W
	Eco Sensor Yes	Auto Power Saving Yes
	Auto Power Off Yes	
Dimension	Package Size (WxHxD) 1202 x 748 x 143 mm	Set Size with Stand (WxHxD) 1069.3 x 685.9 x 265.2 mm
	Set Size without Stand (WxHxD) 1069.3 x 619.9 x 39.6 mm	Stand (Basic) (WxD) 366.0 x 265.2 mm
	VESA Spec 300 x 200 mm	
Weight	Package Weight 16.5 kg	Set Weight with Stand 11.9 kg
	Set Weight without Stand 10.6 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
