

Specifications

Overview

Series	Resolution	Connectivity	Video
OLED	4K (3,840 x 2,160)	4	NQ4 AI Gen3 Processor

Product Type

OLED

Display

Screen Size	Diagonal Screen Size	Resolution	Refresh Rate
55"	54.6"	4K (3,840 x 2,160)	120Hz (Up to 165Hz)
Anti Reflection			
OLED Glare Free			

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	Contrast
NQ4 AI Gen3 Processor	OLED HDR Pro	Yes (ADAPTIVE/ GAMING)	Self-illuminating pixels
Viewing Angle			
Ultra Viewing Angle	Contrast Enhancer Real Depth Enhancer	Motion Technology Motion Xcelerator 165Hz	Expert Calibration Yes
Smart Calibration			
Basic	AI Upscale 4K AI Upscaling Pro	AI Motion Enhancer AI Motion Enhancer Pro	HDR Brightness Optim Yes

Filmmaker Mode (FMM)

Yes

AI HDR Remastering

Auto HDR Remastering

Audio**Dolby Atmos**

Yes

Object Tracking Sound

OTS+

Q-Symphony

Yes

Sound Output (RMS)

70W

Speaker Type

4.2.2CH

Adaptive Sound

Yes (Adaptive Sound Pro)

360 Audio

Yes

Smart Service**Operating System**

Tizen™ Smart TV

Bixby

Yes

Far-Field Voice Interaction

Yes

Built-in Voice Assistar

Alexa

Samsung TV Plus

Yes

Works with AI Speaker

Alexa, Google Assistant

Web Browser

Yes

**SmartThings Hub / Ma
IoT-Sensor Functional
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

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 Pro

HGiG

Yes

Gaming Hub

Yes

Tuner/Broadcasting

Digital Broadcasting

ATSC/Clear QAM

Analog Tuner

Yes

Connectivity

HDMI

4

HDMI (High Frame Rate)

4K 165Hz (for HDMI 1/2/3/4)

USB

3 x USB-A, 1 x USB-C

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 (BT5.3)

Anynet+ (HDMI-CEC)

Yes

One Connect Box

One Connect (Y24 4K)

Design

Design	Bezel Type	Front Colour	Stand
Infinity One	4 Bezel-less	GRAPHITE BLACK	SLIM OC STAND
Stand Colour			
TITAN BLACK			

Additional Feature

EPG	IP Control	OSD Language	V-Chip
Yes	Yes	English, Spanish, French	Yes

Accessibility

Accessability - 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, SeeColours, Colour 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 Suppo

Slow Button Repeat, Re Control App. for All

Power & Eco Solution

Power Supply	Power Consumption (Max)	Power Consumption (Stand-by)	Power Consumption (‘
AC110-120V~ 50/60Hz	400 W	0.5 W	129 W
Eco Sensor	Auto Power Saving	Auto Power Off	
Yes	Yes	Yes	

Dimension

Package Size (WxHxD)

1432 x 818 x 165 mm

Set Size with Stand (WxHxD)

1224.6 x 771.4 x 267.9 mm

Set Size without Stand (WxHxD)

1224.6 x 706.3 x 11.0 mm

Stand (Basic) (WxD)

360.0 x 267.9 mm

VESA Spec

400 x 300 mm

Weight

Package Weight

33.1 kg

Set Weight with Stand

23.9 kg

Set Weight without Stand

13.8 kg

Accessory

Remote Controller Model

TM2360E

Slim Wall Mount Compatible

Yes (Sold separately)

Optional Stand Compatible (Studio)

Yes

Mini Wall Mount Comp

Yes

Auto-Rotation Accessory Compatible

Yes

Full Motion Slim Wall Mount Compatible (Y22)

Yes (Sold separately)

SlimFit Cam Compatible

Yes (Sold separately)

Zigbee / Thread Modul

Built-In

User Manual

Yes

Power Cable

Yes