

Specifications

Product Type

OLED

Display

Screen Size

83"

Diagonal Screen Size

82.5"

Resolution

4K (3,840 x 2,160)

Refresh Rate

120Hz

Anti Reflection

Yes

Video

Picture Engine

NQ4 AI Gen2 Processor

HDR (High Dynamic Range)

OLED HDR

HDR 10+

Yes (ADAPTIVE/ GAMING)

Contrast

Self-illuminating pixels

Viewing Angle

Ultra Viewing Angle

Contrast Enhancer

Real Depth Enhancer

Motion Technology

Motion Xcelerator 120Hz

Smart Calibration

Basic

AI Upscale

4K AI Upscaling

HDR Brightness Optimizer

Yes

Filmmaker Mode (FMM)

Yes

Audio

Dolby Atmos

Yes

Object Tracking Sound

OTS Lite

Q-Symphony

Yes

Sound Output (RMS)

20W

Speaker Type

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 Assistant

Alexa

Samsung TV Plus

Yes

Works with AI Speaker

Alexa, Google Assistant

Web Browser

Yes

SmartThings Hub / Matter 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

Virtual Communication

Yes (US Only)

Apple AirPlay

Yes

ScreenVitals

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

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 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(5.3)

Anynet+ (HDMI-CEC)

Yes

Design

Design

Contour

Bezel Type

4 Bezel-less

Front Colour

GRAPHITE BLACK

Stand

SIMPLE LINEAR

Stand Colour

BLACK

Additional Feature

EPG

IP Control

OSD Language

V-Chip

Yes	Yes	English, Spanish, French	Yes
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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

AC110-120V~ 50/60Hz

Power Consumption (Max)

510 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Working)

197 W

Eco Sensor

Yes

Auto Power Saving

Yes

Auto Power Off

Yes

Dimension

Package Size (WxHxD)

2022.0 x 1200.0 x 183.0 mm

Set Size with Stand (WxHxD)

1849.0 x 1129.5 x 348.7 mm

Set Size without Stand (WxHxD)

1849.0 x 1059.0 x 34.9 mm

Stand (Basic) (WxD)

1254.0 x 348.7 mm

Stand (Minimum) (WxD)

374.0 x 348.7 mm

VESA Spec

400 x 300 mm

Weight

Package Weight
45.8 kg

Set Weight with Stand
33.9 kg

Set Weight without Stand
32.9 kg

Accessory

Remote Controller Model
TM2360E

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

SlimFit Cam Compatible
Yes

Zigbee / Thread Modul
Built-In

User Manual
Yes

Power Cable
Yes