

Specifications

Overview

Product Type	Resolution	HDMI	Video
LED	4K (3,840 x 2,160)	2	Crystal Processor 4K

Product Type

LED

Display

Screen Size	Refresh Rate	Diagonal Screen Size	Resolution
50"	60 Hz	49.5"	4K (3,840 x 2,160)

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	Contrast
Crystal Processor 4K	HDR	Support	Mega Contrast
Contrast Enhancer	Motion Technology	AI Upscale	Filmmaker Mode (FMM)
Yes	Motion Xcelerator	4K Upscaling	Yes

Audio

Object Tracking Sound

OTS Lite

Q-Symphony

Yes

Sound Output (RMS)

20 W

Speaker Type

2 CH

Smart Service

Operating System

Tizen™ Smart TV

Bixby

Yes (Voice Ready)

Works with AI Speaker

Alexa, Google Assistant

Samsung TV Plus

Yes

Web Browser

Yes

SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote

No

Samsung Health

Yes

Universal Guide

Yes

Smart Feature

Multi Device Experience

Mobile to TV, Sound Mirroring,
Wireless TV On

Apple AirPlay

Yes

Daily+

No

Game Feature

Auto Game Mode (ALLM)

Yes

VRR

Yes

HGiG

Yes

Gaming Hub

Yes

Tuner/Broadcasting

Digital Broadcasting	Analog Tuner
ATSC/Clear QAM	Yes

Connectivity

Wi-Fi	Bluetooth	HDMI	HDMI (High Frame Rat
Yes (Wi-Fi 5)	Yes(5.3)	2	4K 60 Hz (for HDMI 1/2;
HDMI Audio Return Channel	Anynet+ (HDMI-CEC)	USB	Ethernet (LAN)
eARC/ARC	Yes	1 x USB-A	1
RF In (Terrestrial / Cable input / Satellite input)			
1/1(Common Use for Terrestrial)/0			

Design

Design	Bezel Type	Front Colour	Stand
Metal Stream	3 Bezel-less	Black	Basic Feet
Stand Colour			
Black			

Additional Feature

Embeded POP	EPG	IP Control	OSD Language
Yes	Yes	Yes	English, Spanish, Frenc

V-Chip

Yes

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 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

Motor Impaired Support

Slow Button Repeat, Remote Control App. for All

Power & Eco Solution

Power Supply

AC110-120V~ 50/60Hz

Power Consumption (Max)

110 W

Power Consumption (Stand-by)

0.5 W

Eco Sensor

Yes

Power Consumption (Typical)

89 W

Auto Power Off

Yes

Auto Power Saving

Yes

Dimension

Package Size (WxHxD)

1228 x 743 x 127 mm

Set Size with Stand (WxHxD)

1110.8 x 695.1 x 199 mm

Set Size without Stand (WxHxD)

1110.8 x 643.8 x 76.4 mm

Stand (Basic) (WxD)

747 x 199 mm

VESA Spec

200 x 200 mm

Weight

Package Weight
12.0 kg

Set Weight with Stand
8.6 kg

Set Weight without Stand
8.3 kg

Accessory

Remote Controller Model
TM2240A

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

SlimFit Cam Compatible
Yes (sold seperately)

Zigbee / Thread Modul
Dongle Support

User Manual
Yes

Power Cable
Yes