

Overview

Resolution

3840 x 2160

HDMI

3

USB

1 x USB-A

Product Type

LED

Display

Screen Size

50"

Refresh Rate

60 Hz

Resolution

3840 x 2160

Video

Picture Engine

Crystal Processor 4K

HDR (High Dynamic Range)

HDR

HDR 10+

Support

Contrast

Mega Contrast

Contrast Enhancer

Contrast Enhancer

Motion Technology

Motion Xcelerator

AI Upscale

4K Upscaling

Colour Booster

Color Booster

Filmmaker Mode (FMM)

Yes

Audio

Object Tracking Sound

Q-Symphony

Sound Output (RMS)

Speaker Type

OTS Lite

Yes

20W

2ch

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

Quick Remote Only

Samsung Health

Yes

Universal Guide

Yes

Smart Feature

Multi Device Experience

Mobile to TV, Sound Mirroring,
Wireless TV On

Apple AirPlay

Yes

Vision AI Companion

Yes

Karaoke Mic

Yes

Google Cast

Yes

Soccer Mode

Soccer / Football Mode

Game Feature

Auto Game Mode (ALLM)

Yes

VRR

Yes

HGiG

Yes

Gaming Hub

Yes

Tuner/Broadcasting

Digital Broadcasting

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity

Wi-Fi

Yes (Wi-Fi 5)

Bluetooth

Yes (5.3)

HDMI

3

HDMI (High Frame Rate)

4K 60 Hz (for HDMI 1/2/3)

HDMI Audio Return Channel

eARC

Anynet+ (HDMI-CEC)

Yes

USB

1 x USB-A

Ethernet (LAN)

1

RF In (Terrestrial / Cable input / Satellite input)

1 / 1(Common Use for Terrestrial) / 0

Design

Design

Metal Stream

Bezel Type

3 Bezel-less

Front Colour

Black

Stand

Basic Feet

Stand Colour

Black

Additional Feature

Embedded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, French

V-Chip

Yes

Accessibility

Accessibility - Voice Guide

Czech (Czech Republic),Danish (Denmark),Dutch (Netherlands),English (US),Finnish (Finland),French (Canada),German (Germany),Greek

Audio Description

Yes

High Contrast

Yes

Zoom Menu and Text

Yes

(Greece),Hungarian
(Hungary),Italian (Italy),Korean
(Korea),Norwegian (Norway),Polish
(Poland).Portuguese
(Portugal),Romanian
(Romania),Slovak
(Slovakia),Spanish
(Mexico),Swedish (Sweden)

SeeColours

Yes

Colours Inversion

Yes

Grayscale

Yes

Auto Picture Off

Yes

Closed Caption (Subtitle)

Yes

Multi-output Audio

Yes

Sign Language Zoom

Yes

Caption Position

Yes

Separate Closed Caption

Yes

Slow Button Repeat

Yes

Accessibility Remote

Yes

Learn TV Remote

Yes

Learn Menu Screen

Yes

Accessibility Shortcuts Edit

Yes

Power & Eco Solution

Power Supply

AC110-120V~ 50/60 Hz

Power Consumption (Max)

110 W

Power Consumption (Stand-by)

0.5 W

Eco Sensor

Yes

Power Consumption (Typical)

89 W

Auto Power Off

Yes

Dimension

Package Size (WxHxD)

1228 x 743 x 127 mm
48.35 x 29.25 x 5.00 inch

Set Size with Stand (WxHxD)

1110.8 x 696 x 199 mm
43.73 x 27.40 x 7.83 inch

Set Size without Stand (WxHxD)

1110.8 x 643.8 x 76.4 mm
43.73 x 25.35x 3.01 inch

Stand (Basic) (WxD)

747 x 199 mm
29.41 x 7.83 inch

VESA Spec

200 x 200 mm
7.87 x 7.87 inch

Weight

Package Weight

Set Weight with Stand

Set Weight without Stand

11.7 kg kg

8.7 kg kg

8.4 kg kg

Accessory

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

User Manual
Yes

Power Cable
Yes