Specifications

Collapse all

Product Type

OLED

Display

Screen Size
55"

Resolution
3840 x 2160

Refresh Rate
120 Hz (VRR Support)

Anti Reflection
Yes

Video

Picture Engine
NQ4 AI Gen2 Processor

HDR (High Dynamic Range)
OLED HDR

HDR 10+
Yes (Adaptive / Gaming / Advanced)

Contrast
Self-illuminating Pixels

Viewing Angle
Ultra Viewing Angle

Contrast Enhancer
Real Depth Enhancer

Motion Technology
Motion Xcelerator 120 Hz

Smart Calibration
Basic

AI Picture
AI Optimized / AI Customization

AI Upscale
4K AI Upscaling

HDR Brightness Optimizer
Yes

Filmmaker Mode (FMM)
Yes

Colour Booster
Colour Booster Pro

AI HDR Remastering
Auto HDR Remastering

EyeComfort Mode
Yes

Audio

Dolby Atmos
Yes

Object Tracking Sound
OTS Lite

Q-Symphony
Yes

Sound Output (RMS)
20 W

Speaker Type
2ch

Active Voice Amplifier
Active Voice Amplifier Pro

Adaptive Sound
Adaptive Sound Pro

360 Audio
Yes

AI Sound Controller

AI Sound Controller

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 Hub / IoT-Sensor Functionality / Quick Remote
Yes

Samsung Health
Yes

Universal Guide
Yes

Smart Feature

Multi Device Experience
Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On

Multi-View
up to 2 Videos

Apple AirPlay
Yes

Now brief
Voice / User Detection

Storage Share
Yes

Live Translate
Yes

Karaoke Mic
Yes

Google Cast
Yes

Vision AI Companion
Yes

Soccer Mode
AI Soccer / Football Mode

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

Game Bar
Yes

Mini Map Zoom
Yes

FreeSync
FreeSync Premium

HGiG
Yes

Gaming Hub
Yes

AI Auto Game Mode
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC / ClearQAM

Analog Tuner
Yes

Connectivity

HDMI
4

HDMI (High Frame Rate)
4K 120 Hz (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 7)

Bluetooth
Yes (5.3)

Anynet+ (HDMI-CEC)
Yes

Design

Design
Contour

Bezel Type
4 Bezel-less

Front Colour
Graphite Black

Stand Type
Simple Linear

Stand Colour
Black

Additional Feature

EPG
Yes

IP Control
Yes

OSD Language
English, Spanish, French

V-Chip
Yes

Accessibility

Accessibillity - 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)

Audio Description

Yes

High Contrast

Yes

Zoom Menu and Text

Yes

SeeColours

Yes

Colours Inversion

Yes

Grayscale

Yes

Auto Picture Off

Yes

Magnification

Yes

Audio Subtitles

Yes

Audio Phone Number

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

Auto Menu Sort

Yes

Power & Eco Solution

Power Supply

AC110-120V~ 50/60 Hz

Power Consumption (Max)

240 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

112 W

Eco Sensor

Yes

Auto Power Saving

Yes

Auto Power Off

Yes

Dimension

Package Size (WxHxD)

Set Size with Stand (WxHxD)

Set Size without Stand (WxHxD)

Stand (Basic) (WxD)

1383.0 x 832.0 x 147.0 mm
54.45 x 32.76 x 5.79 inch

1225.7 x 764.4 x 235.3 mm
48.27 x 30.09 x 9.26 inch

1225.7 x 705.6 x 33.9 mm
48.27 x 27.78 x 1.33 inch

896.9 x 235.3 mm
35.33 x 9.26 inch

Stand (Minimum) (WxD)

259.5 x 235.3 mm
10.22 x 9.26 inch

VESA Spec

300.0 x 200.0 mm
11.81 x 7.87 inch

Weight

Package Weight

17.8 kg

Set Weight with Stand

13.4 kg

Set Weight without Stand

13 kg

Accessory

Slim Wall Mount Compatible

Yes

Full Motion Slim Wall Mount Compatible (Y22)

Yes

SlimFit Cam Compatible

Yes

Zigbee / Thread Module

Dongle Support

User Manual

Yes

Power Cable

Yes