

Specifications

Collapse all

Product Type

OLED

Display

Screen Size

55"

Resolution

3840 x 2160

Refresh Rate

165 Hz (VRR Support)

Anti Reflection

Glare Free

Video

Picture Engine

NQ4 AI Gen3 Processor

HDR (High Dynamic Range)

OLED HDR Pro

HDR 10+

Yes (Adaptive / Gaming / Advanced)

Contrast

Self-illuminating Pixels

Viewing Angle

Ultra Viewing Angle

Contrast Enhancer

Real Depth Enhancer

Motion Technology

Motion Xcelerator 165 Hz

Smart Calibration

Basic

AI Picture

AI Optimized / AI Customization

AI Upscale

4K AI Upscaling Pro

AI Motion Enhancer

AI Motion Enhancer Pro

HDR Brightness Optimizer

Yes

Filmmaker Mode (FMM)

Yes

Colour Booster

Color Booster Pro

AI HDR Remastering

Auto HDR Remastering

EyeComfort Mode

Yes

Audio

Dolby Atmos

Yes

Object Tracking Sound

OTS+

Q-Symphony

Yes

Sound Output (RMS)

70 W

Speaker Type

4.2.2ch

Active Voice Amplifier

Active Voice Amplifier Pro

Adaptive Sound

Adaptive Sound Pro

360 Audio

Yes

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

Daily+

Yes

Now brief

Voice / User Detection

Storage Share

Yes

Live Translate

Yes

Generative Wallpaper

Yes

Karaoke Mic

Yes

Google Cast

Yes

Vision AI Companion

Yes (US, CA)

Soccer Mode

AI Soccer / Football Mode Pro

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 Pro

HGiG

Yes

Gaming Hub

Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

AI Auto Game Mode

Yes

Tuner/Broadcasting

Digital Broadcasting

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity

HDMI

4

HDMI (High Frame Rate)

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

USB

3 x USB-A

Ethernet (LAN)

1

Audio Out (Mini Jack)

Yes

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 6E)

Bluetooth

Yes (5.3)

Anynet+ (HDMI-CEC)

Yes

One Connect Box

Wireless One Connect Ready

Design

Design

FloatLayer

Bezel Type

4 Bezel-less

Front Colour

Slate Black

Stand

Round Feet

Stand Colour

Black

Additional Feature

Art Store

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 (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)

470 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

127 W

Eco Sensor

Yes

Auto Power Saving

Yes

Auto Power Off

Yes

Dimension

Package Size (WxHxD)

1432.0 x 860.0 x 159.0 inch

Set Size with Stand (WxHxD)

1290.6 x 804.5 x 218.0 inch

Set Size without Stand (WxHxD)

1290.6 x 771.9 x 27.9 inch

Stand (Basic) (WxD)

906.3 x 218.0 inch

VESA Spec

300.0 x 200.0 inch

Weight

Package Weight

21.8 kg

Set Weight with Stand

16.6 kg

Set Weight without Stand

16.3 kg

Accessory

Slim Wall Mount Compatible

Yes

**Optional Stand Compatible
(Studio)**

Yes

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

Yes

SlimFit Cam Compatible

Yes

Zigbee / Thread Module

Built-in

User Manual

Yes

Power Cable

Yes