

Product Type

OLED

Display

Screen Size	Resolution	Refresh Rate	Anti Reflection
48"	3840 x 2160	120 Hz (VRR Support)	Yes

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	Contrast
NQ4 AI Gen2 Processor	OLED HDR	Yes (Adaptive / Gaming / Advanced)	Self-illuminating Pixels
Viewing Angle	Contrast Enhancer	Motion Technology	Smart Calibration
Ultra Viewing Angle	Real Depth Enhancer	Motion Xcelerator 120 Hz	Basic
AI Picture	AI Upscale	HDR Brightness Optimizer	Filmmaker Mode (FMM)
AI Optimized / AI Customization	4K AI Upscaling	Yes	Yes
Colour Booster	EyeComfort Mode		
Colour Booster Pro	Yes		

Audio

Dolby Atmos	Object Tracking Sound	Q-Symphony	Sound Output (RMS)
Yes	OTS Lite	Yes	20 W
Speaker Type	Active Voice Amplifier	Adaptive Sound	360 Audio
2ch	Active Voice Amplifier Pro	Adaptive Sound Pro	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

Daily+

Yes

Now brief

Voice / User Detection

Storage Share

Yes

Live Translate

Yes

Karaoke Mic

Yes

Google Cast

Yes

Vision AI Companion

Yes (US, CA)

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 (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 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 6E)

Bluetooth

Yes (5.3)

Anynet+ (HDMI-CEC)

Yes

Design

Design

Laser Slim

Bezel Type

4 Bezel-less

Front Colour

Graphite Black

Stand

Simple Blade Wide

Stand Colour

Black

Additional Feature

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)

205 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

99 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)

47.13 x 30.31 x 5.63 inch 1197.0 x 770.0 x 143.0 mm	42.09 x 26.87 x 8.25 inch 1069.3 x 682.6 x 209.5 mm	42.09 x 24.41 x 1.56 inch 1069.3 x 619.9 x 39.6 mm	21.02 x 8.25 inch 534.0 x 209.5 mm
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VESA Spec

11.81 x 7.87 inch
300.0 x 200.0 mm

Weight

Package Weight
15.5 kg

Set Weight with Stand
11.4 kg

Set Weight without Stand
10.5 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