

Product Type

Neo QLED

Display

Screen Size

85"

Refresh Rate

144 Hz (VRR Support)

Resolution

3840 x 2160

DLG

240 Hz

Video

Picture Engine

NQ4 AI Gen2 Processor

AI Picture

AI Optimized / AI Customization

HDR (High Dynamic Range)

NQ HDR+

HDR 10+

Yes (Adaptive / Gaming / Advanced)

AI Upscale

4K AI Upscaling

Contrast

Quantum Mini LED

Viewing Angle

Wide Viewing Angle

Micro Dimming

Ultimate Mini LED Dimming

Contrast Enhancer

Real Depth Enhancer

Motion Technology

Motion Xcelerator 144 Hz

Smart Calibration

Basic

Filmmaker Mode (FMM)

Yes

Supersize Picture Enhancer

Yes

HDR Brightness Optimizer

Yes

Colour Booster

Color 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)

30W

Speaker Type

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	Web Browser Yes	Works with AI Speaker Alexa, Google Assistant	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
Storage Share Yes	Now brief Voice / User Detection	Live Translate Yes	Generative Wallpaper 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 Pro

Hue Sync

Yes

HGiG

Yes

Gaming Hub

Yes

AI Auto Game Mode

Yes

Tuner/Broadcasting

Digital Broadcasting

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity

HDMI

4

USB

2 x USB-A

HDMI (High Frame Rate)

4K 144 Hz (for HDMI 1/2/3/4)

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

Wi-Fi

Yes (Wi-Fi 7)

Bluetooth

Yes (5.3)

Anynet+ (HDMI-CEC)

Yes

HDMI Audio Return Channel

eARC

Design

Design

Monolith Edge

Bezel Type

3 Bezel-less

Front Colour

Titan Black

Stand

Round Feet

Stand Colour

Black

Additional Feature

Art Store

Yes

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 (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

Relumino

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

Eco Sensor

Power Supply

Power Consumption (Max)

Power Consumption (Stand-by)

Yes	AC110-120V~ 50/60 Hz	340 W	0.5 W
Power Consumption (Typical) 237 W	Auto Power Off Yes	Auto Power Saving Yes	

Dimension

Package Size (WxHxD) 2060 x 1200 x 178 mm 81.10 x 47.24 x 7.01 inch	Set Size with Stand (WxHxD) 1888.8 x 1123 x 369 mm 74.36 x 44.21 x 14.53 inch	Set Size without Stand (WxHxD) 1888.8 x 1083.2 x 52.5 mm 74.36 x 42.65 x 2.07 inch	Stand (Basic) (WxD) 1625.2 x 369 mm 63.98 x 14.53 inch
Stand (Minimum) (WxD) 360.6 x 369 mm 14.20 x 14.53 inch	VESA Spec 600 x 400 mm 23.62 x 15.75 inch		

Weight

Package Weight 46.3 kg	Set Weight with Stand 32.8 kg	Set Weight without Stand 32.1 kg	
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Accessory

Slim Wall Mount Compatible Yes	User Manual Yes	Full Motion Slim Wall Mount Compatible (Y22) Yes	SlimFit Cam Compatible Yes
Zigbee / Thread Module Dongle Support	Power Cable Yes		