

Product**Type**

QLED

Design**Design**

Neo Slim

Stand Type

Sharp Neck Hexagon

Slim Type

Flat look

Front Color

TITAN BLACK

Video**Screen Size**

50"

HDR (High-Dynamic Range)

Neo Quantum HDR+

Adaptive Picture

Optimized/EyeComfort

Contrast

Quantum Matrix Technology

Contrast Enhancer

Real Depth Enhancer

Picture Engine

Neural Quantum Processor 4K

Anti-Reflection

Yes

One Billion Color

Yes

Picture Clarity

Yes

Smart Calibration

Basic/Professional

Filmmaker Mode

Yes

Audio**Dolby Atmos**

Yes

Color

100% Color Volume with Quantum Dot

Bezel Type

4 Bezel-less

Stand Color

TITAN BLACK

Resolution

3,840 x 2,160

Film Mode

Yes

HLG (Hybrid Log Gamma)

Yes

Micro Dimming

Ultimate UHD Dimming

HDR10+

Yes (ADAPTIVE/ GAMING)

Motion Technology

Motion Xcelerator Turbo+

Refresh Rate

120Hz

Auto HDR Remastering

Yes

Expert Calibration

Yes

AI Upscale

Yes

Brightness/Color Detection

Brightness/Color Detection

Sound Output (RMS)

60W

Woofers

Yes

Multiroom Link

Yes

Bluetooth Audio

Yes

Dolby Decoder

MS12 5.1ch

Object Tracking Sound

OTS+

Buds Auto switch

Yes

Features**Eco Sensor**

Yes

Accessibility - Learn TV Remote / Learn Menu Screen

US English, Mexico Spanish, Canada French

ConnectShare™ (HDD)

Yes

EPG

Yes

OSD Language

English, Spanish, French

MBR Support

Yes

Auto Power Saving

Yes

Dimensions**Product Size (W x H x D) Without Stand**

43.8" x 25.4" x 1.1"

Stand Size (WxHxD)

20.4" x 8.6" x 8.7"

Diagonal Screen Size

49.5"

Weight**Speaker Type**

4.2.2CH

Q-Symphony

Yes

Dual Audio support (Bluetooth)

Yes

Active Voice Amplifier

Yes

Adaptive Sound

Adaptive Sound+

Accessibility - Voice Guide

US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean

Caption (Subtitle)

Yes

Embedded POP

Yes

IP Control

Yes

V-Chip

Yes

Video Communication

Google Meet

Product Size (W x H x D) With Stand

43.8" x 27.8" x 8.7"

Shipping Size (W x H x D)

51.9" x 30.2" x 5.5"

Product Weight Without Stand

29.8 lb

Stand Weight

9 lb

Power**ENERGY STAR® Certified**

Yes

Typical Power Consumption

67

Standby Power Consumption

0.5

System**Digital Broadcasting**

(US) ATSC 3.0, (Canada) ATSC/ClearQAM

Operating System

Tizen™ Smart TV

Accessory**Remote Controller Model**

TM2360E

VESA Wall Mount Support

Yes

Zigbee / Thread Module

Built-in

SlimFit Cam Support

Support

Loading Quantity**40ft HC**

441

VESA Standard**Screw Size**

M8

VESA Spec

200 x 200

Eco**Auto Power Off**

Yes

Smart Service**Bixby****Product Weight With Stand**

38.8 lb

Package Weight (lb)

49.6 lb

Power Supply (V)

AC110-120V 50/60Hz

Maximum Power Consumption

170

Analog Tuner

Yes

DTV Sound System

Dolby

Remote Controller Model Code

BN59-01432A

Slim Fit Wall-mount

Yes

Full Motion Slim Wall Mount (Y22) Support

Yes

53ft

567

Screw depth

11-13

Far-Field Voice Interaction

US English, UK English, India English, Korean, French, German, Italian, Spanish, BR Portuguese (features vary by language)

Yes

Built-in Voice Assistant

Alexa

Works With AI Speaker

Alexa, Google Assistant

TV Plus

Yes

Web Browser

Yes

SmartThings Hub / Matter Hub / IoT-Sensor Funtionality

Yes

Samsung Health

Yes

Universal Guide

Yes (US only)

Media Home

Yes

Smart Features

Multi Device Experience

TV to Mobile, Mobile to TV, TV initiate mirroring, TV Sound to Mobile, Sound Mirroring, Wireless TV On

Tap View

Yes

Multi View

up to 2 videos

Music Wall

Yes

Mobile Camera support

Yes

Easy Setup

Yes

App Casting

Yes

Ambient Mode

Ambient Mode+

Workspace

Yes

Wireless Dex

Yes

Web Service

Microsoft 365

Chat Together

Yes (US only)

NFT

Nifty Gateway, La Collection, Art Token, Savage

ConneCTime

Yes (US only)

Telemedicine

HealthTap (US only)

Game Feature

Auto Game Mode (ALLM)

Yes

Game Motion Plus

Yes

Dynamic Black EQ

Yes

Surround Sound

Yes

Super Ultra Wide Game View

Yes

Game bar 3.0

Yes

Mini Map Zoom

Yes

Light-Sync

Yes

FreeSync

FreeSync Premium Pro

HGiG

Yes

Gaming Hub

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

Connectivity**HDMI**

4

HDMI Audio Return Channel

Yes

USB

2

Digital Audio Out (Optical)

1

Ex-Link (RS-232C)

1

Bluetooth

Yes (BT5.2)

Accessibility**Low Vision Support**

Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off, Magnification, Relumino Mode

Motor Impaired Support

Slow Button Repeat

Component**User Manual**

Yes

Power Cable

Yes

Key Category Features**Quantum Matrix with Mini LEDs**

Yes

Neo Quantum HDR

Yes

HDMI (High Frame Rate)

4K 120Hz (for HDMI 1/2/3/4)

Anynet (HDMI-CEC)

Yes

Ethernet (LAN)

1

RF In (Terrestrial / Cable input / Satellite Input)

1/1(Common Use for Terrestrial)/0

WiFi

Yes (WiFi5)

Hearing Impaired Support

Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide, Auto Caption Position

E-Manual

Yes

Neural Quantum Processor with 4K Upscaling

Yes

Gaming Hub

Yes