

Type

QLED

Series**Series**

8

Design**Design**

Neo Slim

Color

TITAN BLACK

Stand TypeHEXAGON
PLATE**Bezel Type**

4 Bezel-less

Slim Type

Flat look

Stand Color

SAND BLACK

Front Color

TITAN BLACK

Video**Resolution**

3,840 x 2,160

Color100% Color
Volume with
Quantum Dot**HDR (High-
Dynamic
Range)**Neo Quantum
HDR**Picture****Processor**Neural
Quantum
Processor 4K**Viewing****Angle**
Wide Viewing
Angle**Film Mode**

Yes

Adaptive**Picture**Optimized/Eye
Comfort**HLG (Hybrid
Log Gamma)**

Yes

ContrastQuantum
Matrix
Technology**Micro****Dimming**Supreme UHD
Dimming**Contrast
Enhancer**Real Depth
Enhancer**HDR10+**Yes
(ADAPTIVE/
GAMING)**Picture****Engine****Motion
Technology****One Billion
Color**

Yes

Neural Quantum Processor 4K	Motion Xcelerator Turbo+	
Auto HDR Remastering	Picture Clarity	Smart Calibration
Yes	Yes	Basic
AI Upscale	Filmmaker Mode	Brightness/Color Detection
Yes	Yes	Brightness/Color Detection
Audio		
Dolby	Sound Output (RMS)	Woofers
Yes	60W	Yes
Speaker Type	Multiroom Link	Sound
2.2.2CH	Yes	OTS
Q-Symphony	Active Voice Amplifier	Bluetooth Headset Support
Yes	Yes	Yes
Bluetooth Audio	Dual Audio support (Bluetooth)	Dolby Decoder
Yes	Yes	MS12 5.1ch
Active Voice Amplifier	Object Tracking Sound	Adaptive Sound
Yes	OTS	Adaptive Sound+
Buds Auto switch		
Yes		
Features		
Eco Sensor	SmartThings	Caption (Subtitle)
	Yes	

Yes

Yes

**Embedded
POP**

EPG
Yes

IP Control
Yes

Yes

**OSD
Language**

V-Chip
Yes

MBR Support
Yes

English,
Spanish,
French

ConnectShare™

Yes

Inputs & Outputs

**HDMI
Connections**

USB
2

**Ethernet
(LAN)**
1

4

**Terrestrial /
RF input**

1/1(Common
Use for
Terrestrial)/0

**Digital Audio Out
(Optical)**

1

**Weight
Stand Weight**

14.6

**Package
Weight (lb)**

141.3

**Set Weight
without
Stand (lb)**

94.1

**Set Weight with
Stand (lb)**

108.7

**Power
ENERGY
STAR®**

Certified
Yes

**Power
Supply (V)**
AC110-120V~
50/60Hz

**Typical
Power
Consumption**
100

Maximum Power Consumption	Standby Power Consumption	Power Consumption (Max) (W)
315	0.5	315
Power Consumption (Stand-by) (W)	Power Consumption (Typical)	
0.5	100	
System DTV Tuner	Digital Broadcasting	Analog Tuner
ATSC/ClearQ AM	ATSC/ClearQ AM	Yes
DTV Sound System		
Dolby		
Installation Features Vesa Wall Mount Compatibility		
Yes		
Accessory Remote	Power Cable	User Manual
TM2360E	Yes	Yes
E-Manual	Remote Controller Model	Remote Controller Model Code
Yes	TM2360E	BN59-01432A
VESA Wall Mount Support	Slim Fit Wall-mount Support	Zigbee / Thread Module
Yes	Yes	Built-in
Full Motion Slim Wall Mount (Y22) Support	SlimFit Cam Support	
	Support	

Yes

Key Features

HDR

Yes

4K Resolution

Yes

Refresh Rate

120Hz

Yes

New 2023

TVs

Yes

Quantum Mini LEDs

Yes

Dolby Atmos

Yes

AI Upscaling

Yes

Split Screen with Multi View

Yes

Loading Quantity

40ft HC

45

53ft

140

VESA Standard

Screw Size

Yes

Screw

depth

11-13

VESA Spec

600 x 400

Eco

Eco

Sensor

Yes

Auto Power Saving

Yes

Auto Power

Off

Yes

Display

Inch

85

Diagonal

Screen Size

84.5

Resolution

3,840 x 2,160

Refresh Rate

120Hz

Smart Service

Operating

System

Tizen™ Smart

TV

Bixby

US English,
UK English,
India English,
Korean,
French,
German,
Italian,

Far-Field

Voice

Interaction

Yes

Spanish, BR
Portuguese
(features vary
by language)

**Built-in Voice
Assistant**

Alexa

**Works With
AI Speaker**

Alexa, Google
Assistant

TV Plus

Yes

Web Browser

Yes

**SmartThings
Hub / Matter
Hub / IoT-
Sensor**

Functionality

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

Video

Communication

Google Meet

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

Chat**Together**

Yes (US only)

Telemedicine

HealthTap (US only)

Game Feature**Auto Game****Mode (ALLM)**

Yes

Surround**Sound**

Yes

Mini Map**Zoom**

Yes

HGiG

Yes

Connectivity**HDMI**

4

USB

2

RF In

(Terrestrial /

Wireless Dex

Yes

NFT

Nifty Gateway,

La Collection,

Art Token,

Savage

Game Motion**Plus**

Yes

Super Ultra**Wide Game****View**

Yes

Light-Sync

Yes

Gaming Hub

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

HDMI (High**Frame Rate)**

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

Ethernet**(LAN)**

1

Ex-Link (RS-**232C)****Web Service**

Microsoft 365

ConnecTime

Yes (US only)

Dynamic**Black EQ**

Yes

Game bar 3.0

Yes

FreeSync

FreeSync

Premium Pro

HDMI Audio**Return****Channel**

Yes

Digital Audio**Out****(Optical)**

1

WiFi

Yes (WiFi5)

**Cable input /
Satellite
Input)**

1

1/1(Common
Use for
Terrestrial)/0

Bluetooth

Yes (BT5.2)

**Anynet+ (HDMI-
CEC)**

Yes

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

Learn TV

Remote /

Learn Menu

Screen

US English,
Mexico
Spanish,
Canada
French

Low Vision

Support

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

**Hearing
Impaired
Support**

Multi-output
Audio,
Caption
Position, Sign
Language

**Motor Impaired
Support**

Slow Button
Repeat

Zoom,
Separate
Closed
Caption, Sign
Language
Guide, Auto
Caption
Position

Dimension (WxHxD)

Set Size without Stand (WxHxD) (inch)	Set Size with Stand (WxHxD) (inch)	Package Size (WxHxD)(inch)
74.5 x 42.6 x 1.1	74.5 x 45.1 x 12.9	84.5 x 49 x 9.4

Component

User Manual	E-Manual	Power Cable
Yes	Yes	Yes

Stand Dim (WxHxD)

Stand Size (inch)
16.5 x 10.6 x 12.9

Key Category Features

Gaming Hub

Yes