

Product

Type

OLED

Series

Series

S90C

Design

Design

LaserSlim

Bezel Type

4 Bezel-less

Stand Color

Titan Black

Video

Color

Perceptual Color Mapping

Viewing Angle

Ultra Viewing Angle

Adaptive Picture

Optimized/EyeComfort

Contrast

Self-illuminating pixels

HDR10+

Yes(ADAPTIVE/GAMING)

Motion Technology

Motion Xcelerator Turbo+

Smart Calibration

Basic

Filmmaker Mode

Yes

Audio

Dolby Atmos

Yes

Woofer

Yes

Multiroom Link

Yes

Stand Type

Simple Plus Metal

Slim Type

Top Slim

Front Color

Titan Black

HDR (High-Dynamic Range)

HDR OLED

Film Mode

Yes

HLG (Hybrid Log Gamma)

Yes

Contrast Enhancer

Real Depth Enhancer

Picture Engine

Neural Quantum Processor 4K

Picture Clarity

Yes

AI Upscale

Yes

Brightness/Color Detection

Brightness/Color Detection

Sound Output (RMS)

40W

Speaker Type

2.1CH

Q-Symphony

Yes

Bluetooth Audio

Yes

Dolby Decoder

MS12 5.1ch

Object Tracking Sound

OTS Lite

Buds Auto switch

Yes

Features

Caption (Subtitle)

Yes

IP Control

Yes

V-Chip

Yes

ConnectShare™

Yes

Inputs & Outputs

Digital Audio Out (Optical)

1

Weight

Set Weight (lb)

6

Set Weight without Stand (lb)

83.8

Power

Power Supply (V)

AC110-120V 50/60Hz

System

Digital Broadcasting

(US) ATSC 3.0 (Canada) ATSC/ClearQAM

DTV Sound System

Dolby

Accessory

Remote Controller Model

TM2360E

Zigbee / Thread Module

Built-in

Dual Audio support (Bluetooth)

Yes

Active Voice Amplifier

Yes

Adaptive Sound

Adaptive Sound+

EPG

Yes

OSD Language

English, Spanish, French

MBR Support

Yes

Audio Out (Mini Jack)

Yes

Package Weight (lb)

121

Set Weight with Stand (lb)

89.9

Analog Tuner

Yes

VESA Wall Mount Support

Yes

Full Motion Slim Wall Mount (Y22) Support

Yes

SlimFit Cam Support	Remote Controller Code No
Support	BN59-01432A
Key Features	
4K Resolution	Game Hub
Yes	Yes
Loading Quantity	
40ft HC	53ft
55	150
VESA Standard	
Screw Size	Screw depth
M8	28-30
VESA Spec	
400 x 300	
Eco	
Eco Sensor	Auto Power Saving
Yes	Yes
Auto Power Off	
Yes	
Display	
Inch	Resolution
83	3,840 x 2,160
Refresh Rate	Anti Reflection
120Hz	Yes
Diagonal Screen Size (Inch)	
82.5	
Smart Service	
Operating System	Bixby
Tizen™ Smart TV	US English, UK English, India English, Korean, French, German, Italian, Spanish, BR Portuguese (features vary by language)
Far-Field Voice Interaction	Built-in Voice Assistant
Yes	Alexa
Works With AI Speaker	TV Plus
Alexa, Google Assistant	Yes
Web Browser	SmartThings Hub / Matter Hub / IoT-Sensor Funtionality
Yes	Yes
Samsung Health	Universal Guide
Yes	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

Music Wall

Yes

Easy Setup

Yes

Ambient Mode

Ambient Mode+

Wireless Dex

Yes

Chat Together

Yes (US only)

Telemedicine

HealthTap (US only)

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

Yes

Dynamic Black EQ

Yes

Super Ultra Wide Game View

Yes

Mini Map Zoom

Yes

FreeSync

FreeSync Premium

Gaming Hub

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

Connectivity**HDMI**

4

HDMI Audio Return Channel

Yes

Ethernet (LAN)**Video Communication**

Google Meet

Multi View

upto 2 videos

Mobile Camera support

Yes

App Casting

Yes

Workspace

Yes

Web Service

Microsoft 365

ConneCTime

Yes (US only)

Game Motion Plus

Yes

Surround Sound

Yes

Game bar 3.0

Yes

Light-Sync

Yes

HGiG

Yes

HDMI (High Frame Rate)

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

USB

2

RF In (Terrestrial / Cable input / Satellite Input)

1/1(Common Use for Terrestrial)/0

Yes

Ex-Link (RS-232C)

1

Bluetooth

Yes (BT5.2)

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

Low Vision Support

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

Motor Impaired Support

Slow Button Repeat

Dimension (WxHxD)

Set Size without Stand (WxHxD)(inch)

72.9 x 41.8 x 1.8

Package Size (WxHxD)(inch)

79.7 x 49 x 8.5

Component

User Manual

Yes

Power Cable

Yes

Stand Dim (WxHxD)

Stand Size (inch)

14.4 x 12.8 x 14.2

Key Category Features

Q-symphony

Yes

WiFi

Yes (WiFi5)

Anynet+ (HDMI-CEC)

Yes

Learn TV Remote / Learn Menu Screen

US English, Mexico Spanish, Canada French

Hearing Impaired Support

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

Set Size with Stand (WxHxD)(inch)

72.9 x 44.6 x 14.2

E-Manual

Yes

Slim Gender Cable

Yes

Quantum HDR OLED

Yes