

Product

Type

OLED

Design

Design

Blade Slim

Stand Type

BLADE STAND

Slim Type

Top Slim

Front Color

Carbon Silver

Video

Screen Size

54.6" Measured Diagonally

Color

100% Colour Volume with Quantum Dot

Picture Processor

Neural Quantum Processor 4K

Film Mode

Yes

HLG (Hybrid Log Gamma)

Yes

Contrast Enhancer

Real Depth Enhancer

LED Clear Motion

Clear Motion

Picture Engine

Neo Quantum Processor 4K

Anti-Reflection

Yes

One Billion Color

Yes

Audio

Dolby

MS12 5.1ch

Sound Output (RMS)

60W

Color

CARBON SILVER

Bezel Type

4 Bezel-less

Stand Color

Space Carbon

Resolution

3,840 x 2,160

HDR (High-Dynamic Range)

Quantum HDR OLED

Viewing Angle

Ultra Viewing Angle

Adaptive Picture

Yes

Contrast

Self-illuminating LED

Auto Motion Plus

Yes

HDR10+

Certified(HDR10+ Adaptive & HDR10+ GAMING)

Motion Technology

Motion Xcelerator Turbo+

Refresh Rate

120Hz

Noise Reduction

Yes

Dolby Atmos

Yes

Woofer

Yes

Speaker Type

2.2.2CH

Sound

OTS

Active Voice Amplifier

Yes

Bluetooth Audio

Yes

Dolby Decoder

5.1CH

Wireless Connectivity**Wi-Fi**

Yes (WiFi5)

Bluetooth

Yes (BT5.2)

Features**AI Upscale**

Yes

Works with Google Assistant

Yes

Ambient Mode

Ambient Mode+

TV to Mobile - Mirroring

Yes

SmartThings App Support

Yes

Far-Field Voice Interaction

Yes

Web Browser

Yes

360 Camera Support

Yes

App Casting

Yes

Wired TV On - Samsung WOL

Yes

TV Sound to Mobile

Yes

Adaptive Sound**Multiroom Link**

Yes

Q-Symphony

Yes

Bluetooth Headset Support

Yes

Dual Audio support (Bluetooth)

Yes

Active Voice Amplifier

Yes

Wi-Fi Direct

Yes

Bixby

Yes

Works with Alexa

Yes

Eco Sensor

Yes

Mobile to TV - Mirroring, DLNA

Yes

SmartThings

Yes

Samsung TV Plus

Yes

360 Video Player

Yes

Easy Setup

Yes

Wireless TV On - Samsung WOW

Yes

Bluetooth Low Energy

Yes

Sound Mirroring

Yes

Brightness/Color Detection

Adaptive Sound+

Instant On

Yes

Accessibility - Learn TV Remote / Learn Menu Screen

Yes

Auto Channel Search

Yes

Caption (Subtitle)

Yes

ConnectShare™ (USB 2.0)

Yes

FreeSync

FreeSync Premium

IP Control

Yes

BT HID Support

Yes

V-Chip

Yes

IPv6 Support

Yes

Auto Game Mode (ALLM)

Yes

Object Tracking Sound

OTS

Google Assistant built-in

Yes

Multi View

Up to 2 videos

Game Motion Plus

Yes

Surround Sound

Yes

Game bar 2.0

Yes

IoT Hub

Yes

Brightness/Color Detection

Accessibility - Voice Guide

Yes

Accessibility - Others

Enlarge / High Contrast / Multi-output Audio / SeeColors /
 Color Inversion / Grayscale / Caption Position / Sign Language
 Zoom / Slow Button Repeat / Separate Closed Caption /
 Graphic Zoom / Picture Off

Auto Power Off

Yes

ConnectShare™ (HDD)

Yes

EPG

Yes

Filmmaker Mode

Yes

OSD Language

English, Spanish, French

USB HID Support

Yes

MBR Support

Yes

Tap View

Yes

Wireless Dex

Yes

Alexa built-in

Yes

Samsung Health

Yes

Music Wall

Yes

Dynamic Black EQ

Yes

Super Ultra Wide Game View

Yes

Expert Calibration

Yes

Smart Calibration

Basic/Professional

Web Service

Microsoft 365

Video Communication

Google Duo

Workspace

Yes

HGiG

Yes

Sign Language Guide

Yes

Auto Power Saving

Yes

Inputs & Outputs**HDMI Connections**

4

Ethernet (LAN)

Yes

Digital Audio Out (Optical)

1

Audio Return Channel Support (via HDMI port)

Yes

Ex-Link (RS-232C)

1

eARC

Yes (HDMI 3)

Anynet (HDMI-CEC)

Yes

HDMI (High Frame Rate)

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

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

48.2" x x 27.7" x 1.6"

Stand Size (WxHxD)

14.3" x 11.4" x 11.3"

Shipping Size (W x H x D)

57.8" x 32.8" x 6.5"

Weight**Product Weight Without Stand****TV initiate mirroring**

Yes

Mobile Camera support

Yes

Mini Map Zoom

Yes

Auto Caption Position

Yes

DTV Sound System

Dolby

USB

2

Terrestrial / RF input

1/1(Common Use for Terrestrial)/0

Audio Out (Mini Jack)

Yes

RF In (Terrestrial / Cable input / Satellite Input)

1/1(Common Use for Terrestrial)/0

HDMI A / Return Ch. Support

Yes

HDMI Quick Switch

Yes

Anynet+ (HDMI-CEC)

Yes

Product Size (W x H x D) With Stand

48.2" x 30.2" x 11.3"

Distance b/w Stand Legs

14.3"

Diagonal Screen Size

54.6"

Product Weight With Stand

36.6 lb.

Shipping Weight

60.4 lb.

Power

Power Supply (V)

AC110-120V 50/60Hz

Maximum Power Consumption

300

System

DTV Tuner

(US) ATSC 3.0(Canada) ATSC/ClearQAM

Analog Tuner

Yes

USB (2.0)

2

Installation Features

Vesa Wall Mount Compatibility

Yes

Accessory

Remote

TM2280E

User Manual

Yes

Universal Guide

Yes

Remote Controller Model

TM2280E

Key Features

Refresh Rate 120Hz

120Hz

Loading Quantity

40ft HC

224

VESA Standard

Screw Size

M8

VESA Spec

300 x 200

46.1 lb.

Stand Weight

9.5 lb.

Typical Power Consumption

100

Standby Power Consumption

0.5

Digital Broadcasting

(US) ATSC 3.0(Canada) ATSC/ClearQAM

Operating System

Samsung Tizen™

Power Cable

Yes

E-Manual

Yes

Media Home

Yes

Samsung Smart Control (Included)

Yes

Game Hub

Yes

53ft

378

Screw depth

28-30